1896 AND 1897

THE COLUMBIAN

STOVES, RANGES, FURNACES

AND

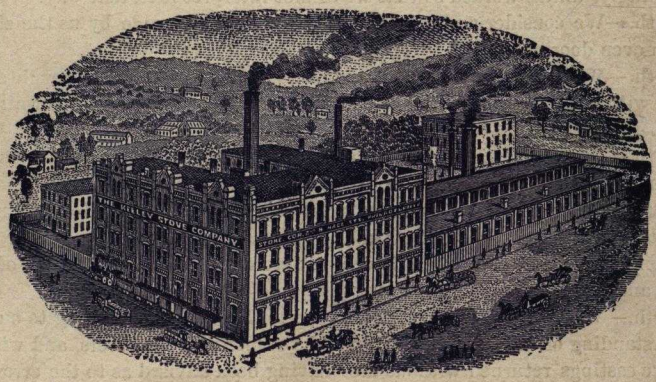
HOT WATER SPECIALTIES,

MANUFACTURED BY

THE KEELEY STOVE COMPANY,

MAIN OFFICE AND FOUNDRY:

COLUMBIA, PA.



STORE AND SALESROOM:

NO. 21 SOUTH CHARLES STREET, BALTIMORE, MD.

Western Agency: JACOB RETTERER, 83 Wabash Ave., Chicago, I
Philadelphia Agency: CHARLES GROSSMAN, 15 North Secon

S. S. DETWILER, PRESIDENT,
J. EDWARD SHOMIER, SECRETARY,
G. W. HALDEMAN, TR
W. D. SNYDER, MA

A Word to Customers on the Subject of Repairs for Stoves.

Recognizing the great necessity for prompt and accurate shipment of repairs, we have organized a separate *repair department*, and have set apart in our warehouse a space sufficient to carry a full stock of repairs for all stoves ever made by us or our predecessors in the business, and can assure you prompt attention to orders if you will bear in mind the following facts:

1st.—We are not presumed to know the *name*, *number* and *date* of the stove for which you need repairs, and therefore it is positively necessary to state each of these items clearly in your order.

2d.—Where there is more than one date on a stove, it is always best to state all of them.

3d.—In determining the relative position of similar plates in any stove, face the front of the stove and designate the right or left-hand plates from that position.

4th.—In distinguishing between right and left-hand ranges, we consider a range with the oven on the right, a right-hand range, and treat the order accordingly, unless worded so that we cannot interpret it in that way.

5th.—We consider and call *the front* of all ranges made by us the side on which oven door opens.

6th.—When you do not know the name of a piece wanted, a rough sketch of it, with such description as you can give, will enable us to determine the name.

7th.—When you order repairs for the fire chamber of a stove, always state whether grate is *plain*, *anti-clinker*, duplex or triplex.

8th.—When we return an order, with request for further information, it is not for the purpose of delaying your order, but to save you the greater delay and expense which you would have if we were to guess the meaning of your order and should ship you the wrong pieces.

9th.—When orders for repairs have been filled by us, according to our best understanding of an order, we will not be responsible for errors, and will not receive castings returned without first having been advised as to the error, and then only when the fault is clearly ours.

Stove Repairs.

We are successors to and the only foundry that can furnish repairs for stoves made by the following firms:

Smith, Francis & Wells,	Smith, Johnson & Co.,	Shantz & Keeley,
Smith, Wells & Co.,	Shantz & Johnson,	O. B. Keeley & Co.

TDCAT 1896/97
#PAPV03B601

Fire Bricks and Stove Linings Furnished By Us.

Active, Nos. 8 and 9	$0 30
Active, No. 10,	35
Ashland,	30
Centennial,	30
Crown Prince,	30
Cook's Pride,	30
Cook's Jewel,	30
Comfort, hard coal,	1 00
Comfort, soft coal,	1 50
Cute,	30
Chime, Pearl and Prize,	50
Cappello,	30
Domestic,	30
Dora Cook,	30
Dolly,	30
Darling, Closed End,	30
Darling, Open End,	25
Dandy,	30
Eureka,	30
Elegant,	30
Empire Kitchener,	30
Edna, No. 10,	30
Edna, No. 11.	35
Edna, No. 12,	40
Golden Eagle,	30
Gulf States,	30
Golden Grain;	30
Grip, No. 12,	70
Grip, No. 13,	70
Grip, No. 14,	80
Grip, No. 15,	80
Jersey, Nos. 10 and 11,	35
Jersey, No. 12,	45
Luxury,	60
Leon,	30
Lapierre, Range,	25
Model,	30
Nobby, Nos. 9 and 10,	30
Nobby, No. 11,	35
Nobby, No. 12 and 14,	40
Miner's Friend,	30
Morning Light Base, No. 13,	85
Morning Light Base, No. 15,	90
Morning Light Base, No. 17,	1 10
Morning Light Base, No. 24,	50
Morning Light Base, No. 26,	60
Morning Light Base, No. 28,	70
Morning Light Base, No. 32,	80
Morning Light Base, No. 33,	85
Morning Light Base, No. 34,	85
Morning Light Base, No. 35,	90
Morning Light Base, No. 36,	$1 00
Morning Light Stove and Heater No. 213,	95
Morning Light Stove and Heater, No. 214,	1 00
Morning Light Stove and Heater, No. 215,	1 00
Morning Light Stove and Heater, No. 217,	1 10
Morning Light Stove and Heater, No. 310,	45
Morning Light Stove and Heater, No. 312,	65
Morning Light Stove and Heater, No. 314,	75
Newport,	30
Plato,	30
Palace,	30
Palace Cook and Heater,	30
Pretty Range,	30
Pet,	30
Pansy,	35
Pride,	35
Queen, No. 10,	45
Queen, No. 12,	65
Queen, No. 14,	75
Regulator,	30
Reading Cook,	30
Reno,	30
Romantic,	30
Spring City, No. 7,	60
Spring City, No. 8,	75
St. George,	30
Sun Stove and Heater, No. 213,	95
Sun Stove and Heater, No. 215,	1 00
Sun Stove and Heater, No. 217,	1 10
Sun Stove and Heater, No. 219,	1 20
Treasure, Nos. 9 and 10,	35
Treasure, Nos. 11 and 12,	45
Vim,	30

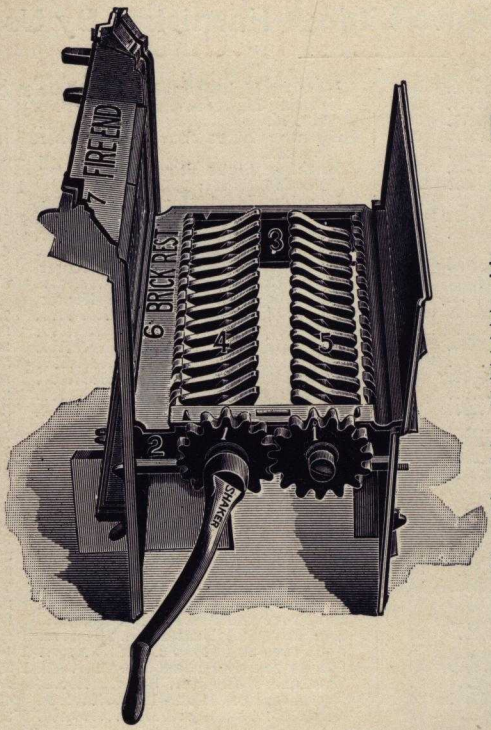
Furnace Brick and Staves.

	Each.
Everlasting Staves	$0 10
Furnace Staves,	10
Col. Vulcan Cylinder Staves,	10
Col. Vulcan Bottom drum ring brick	12
Columbian Banner and Vulcan furnace drum section brick,	03
Columbian Crown Heater, drum section brick,	03

	Size of Brick.
No. 26, Columbian Banner Section Brick,	No. 30 use 9
" 30, " " " "	" 30 " 11
" 34, " " " "	" 30 " 12
" 38, " " " "	" 40 " 13

	Size of Brick.	*Section.*	*Drum Ring.*	*Cylinder.*
No. 136, Columbian Vulcan to complete brick lined fire pot.	No. 40	12	9	12
" 140, " " " " " " " "	" 40	13	10	14
" 144. " " " " " " " "	" 40	15	11	17
" 150. " " " " " " " "	" 50	17	12	20

We furnish brick for all goods advertised in this (1896) catalogue. The above prices are for brick bought in lots of six or more sets. Less quantity, ten cents per set higher.



Use the Names Given Below in Ordering Fire Box Repairs.

Description of Grate, Page 27.

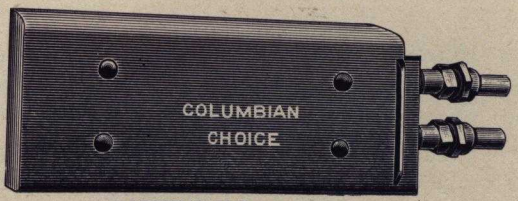
No. 1. Grate Cogs.
No. 2. Front Grate Carrier.
No. 3. Back " "
No. 4. Long or Shaker Part of Triplex Grate.
No. 5. Short Part of Triplex Grate.
No. 6. Brick Rest or Bed Plate.
No. 7. Fire End or Open End of Range.

IN ORDERING WATER BACKS.

State clearly whether you want the openings to be in the end or the side. If the water back is to have the opening on the side, the connections must necessarily be made through the *end of the range.* But if the water back is to have the openings at the end, it will follow that the connections must be made through the *back of the range.*

Therefore specify clearly whether you want the openings to be in the end or the side of the water back, or else state if the connections are to be made through the end or back of the range.

TAPPED IN SIDE



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SPECIAL NOTICES.

Our Warrant and a Word to Customers on the Subject of Setting up a Stove.

Every stove made by us is warranted to work properly in the capacity for which it is made. We use the best material, and employ the best workmen that we can obtain, and have an equal if not greater interest than our customers in knowing that every stove we make is satisfactory to the user in every respect.

To attain this end, we subject every stove to careful and frequent inspection, and when we ship it, are reasonably sure that it is complete.

Should the stove arrive at destination in a broken or imperfect condition, we are not responsible for the damage done by the railroad company, but if you will receive the stove and report to us carefully the extent of damage, we will do all in our power to assist you in repairing the stove.

When any of our stoves are sold, the following rules should be observed :

1st.—Never set a small stove to do the work of a large one.

2d.—Never allow a stove to be put up with pipe smaller in area than the collar on stove.

3d.—Never send a stove to be put up without a careful examination, to determine that no plates have been broken or misplaced in shipping.

4th.—Never attach a stove to a chimney without knowing that all unnecessary openings in the chimney have been properly closed.

5th.—Never send a stove to be put up without giving full instructions as to the use of dampers and cleaning of flues.

And if, after a careful observance of these rules, one of our stoves fails to do the work, you will report the matter to us promptly, we will always endeavor to have the error corrected ; but we will in no case allow a stove to be returned to us until we shall have first had an opportunity given us to send one of our men to examine it.

Any customers desiring to return articles to us for repairing, nickel to be renewed, stoves broken to be repaired, stoves new for credit, must first have our consent. In the event of goods returned under the above, the following conditions must be observed :

1st. —Send bill of lading.

2d.—Enumerate the name and kind of articles returned, advising us what you wish done.

3d.—Tag the article with your name and address, so we may know from whom they came. Unless these rules are observed, we take no responsibility as to when the goods will be returned to you, or credit given.

4th.—We are not responsible for repair castings broken in transit, and will not make them good.

COLUMBIAN NEWPORT.

This is the most complete brick set and portable range made. With six holes, sheet flue, dust flue, single drop damper, which can be repaired, without disturbing the top of the range, and everything of the most modern construction supplied for convenience and the pleasure of the housewife.

The cut on page 7 shows a left-hand range, the oven being on the left.

See What We Have:

1st.—A line of brick set and portable ranges, right and left-hand ovens, with triplex or flat grate in two sizes.

2d.—Water backs supplied for all sizes.

3d.—It is made with low closet and ash sifter. Can have ash pit opened in bottom to drop ashes in pit in cellar, if desired.

4th.—It is made with low closet, less ash sifter. This closet has sliding doors.

5th.—It is made with base, paneled front, less doors. This is some little cheaper than other styles but not quite so convenient.

6th.—It is an up-stairs heater, so arranged as to carry all the heat radiated in the closets as well as what is thrown off the back part of the range.

This is carried up-stairs by means of a hot air pipe as shown in cut, and has no connection with any part of the fire box of the range and hence will not throw gas.

7th.—It has ventilated oven. The register wheel in the centre of nickel panel admits sufficient draft to carry off through the opening in the oven plate any and all gases which may arise from baking and roasting. Smoke pipe out of back or off top. Clean out flue stop in front.

The Triplex Grate is adjusted and brought to its simplest form and convenience, and can be removed and applied without disturbing the water back.

Sizes and Dimensions of Brick Sets.

Height of No. 7-16 on closet, 2 feet 3¼ inches, between jambs 2 feet 6 inches, depth of jambs 12 inches.

Height of No. 8-18 on closet, 2 feet 4½ inches, between jambs 2 feet 9 inches, depth of jambs 12 inches.

Height of low closet No. 7-16, 10¼ inches.

Height of low closet No. 8-18, 11¼ inches.

Prices of circulating boilers and stands given on application. Much depends upon sizes and whether galvanized or plain.

Straight brass water back couplings, per set, net, ... 75c.

Bent brass water back couplings, per set, net,..... ..... 85c.

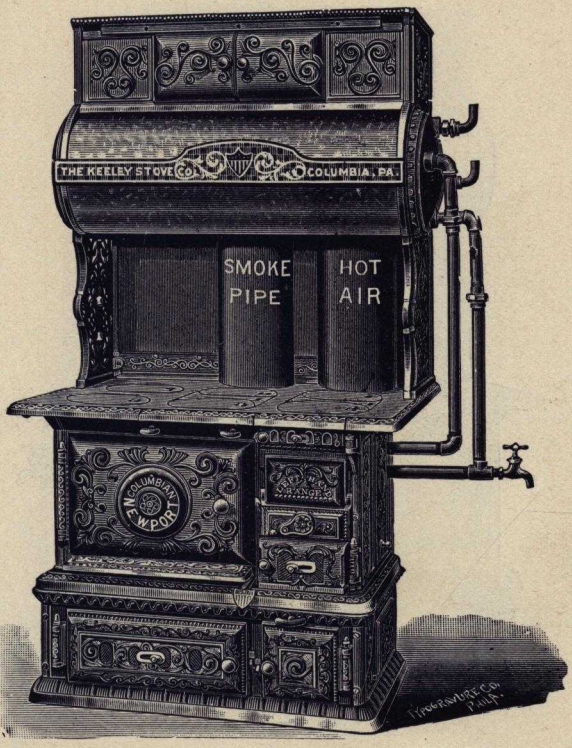
Make your order clear beyond a doubt, so that no mistake is made as to grate needed, oven right or left, kind and size of boiler needed, base, sliding door closet, sifter closet, elevated closet, or shelf, etc., etc.

Prices of circulating boilers and connections, if not desired, deducted from the list. Prices and information given by addressing

THE KEELEY STOVE CO., Columbia Pa.
THE KEELEY STOVE CO., Baltimore, Md.

COLUMBIAN NEWPORT.

Portable Six-Hole.



Made in two sizes, Right and Left-hand Oven, and with Elevated Sliding Door Closet and Boiler, Low Closet and Sifter.

List Prices with Blind Base.	*Black Boiler.*	*Galv'd. Boiler.*
No. 7–16, with Triplex Grate and 34 x 10 inch Boiler	~~$34 25~~ 51 50	$36 50 54 50
" 7–16, " " " " 36 x 10 " "	34 75 52 00	37 00 55 50
" 7–16, " " " " 36 x 12 " "	37 25 56 00	39 50 59 00
" 8–18, " " " " 36 x 10 " "	37 75 56 50	40 00 60 00
" 8–18, " " " " 36 x 12 " "	40 25 60 00	42 50 63 50

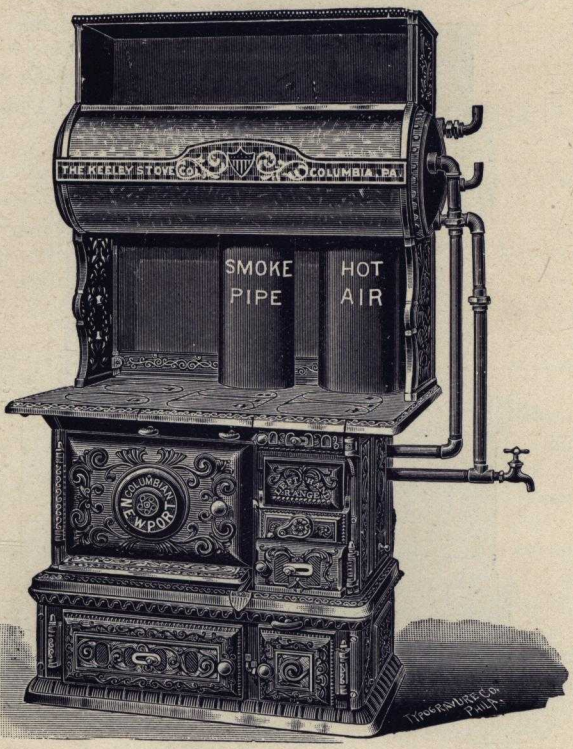
Add to above prices for Lower Hot Closet Doors and Ash Sifter	$2 00 3 00
" " " " " " " Slide Door less Sifter	1 00 1 50
" " " " Hot Air Plates	1 00 1 50
" " " " Sheet Iron Back	75 1 00

Sizes of ovens.—7–16, 16 x16 x 11 in.: 8–18, 18 x 18 x 11½ in.

Upper Sliding Door Closet and Brackets, when sold less Range, Boiler and connections ..... List, 8 00 = 12 00

In Ordering, name Base or Style of Closet desired.

COLUMBIAN NEWPORT.



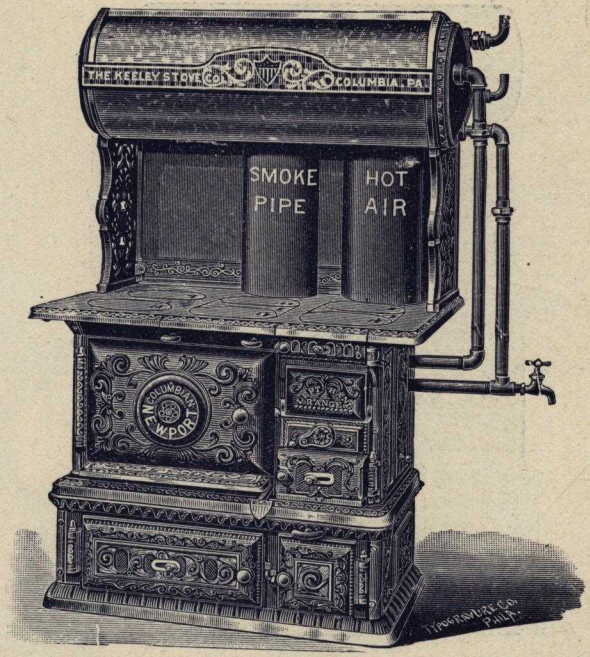
In Ordering, Name Base or Style of Closet Desired.

Made in two sizes, Right and Left-hand Oven, and with Elevated Open Top Closet and Boiler. This shows Sifter Closet.

Shows cut same as on page 7 with Upper Closet, less Doors and Jambs.

List Prices with Blind Base.	*Black Boiler.*	*Galv'd. Boiler.*
No. 7-16, with Triplex Grate and 34 x 10 inch Boiler	$33 50	$35 75
" 7-16, " " " " 36 x 10 " "	34 00	36 25
" 7-16, " " " " 36 x 12 " "	36 50	38 75
" 8-18, " " " " 36 x 10 " "	36 75	39 00
" 8-18, " " " " 36 x 12 " "	39 25	41 50
Add to above prices for Lower Hot Closet Doors and Ash Sifter	$2 00	
" " " " " " " " Slide Doors, less Sifter	1 00	
" " " " Hot Air Plates	1 00	
" " " " Sheet Iron Back	75	
Upper Open Closet and Brackets, when sold less Range, Boiler and connections	list, 7 00	

COLUMBIAN NEWPORT.



In ordering, name base or style of closet desired.

Made in two sizes, Right and Left-hand Oven, and with Elevated Boiler and Shelf.

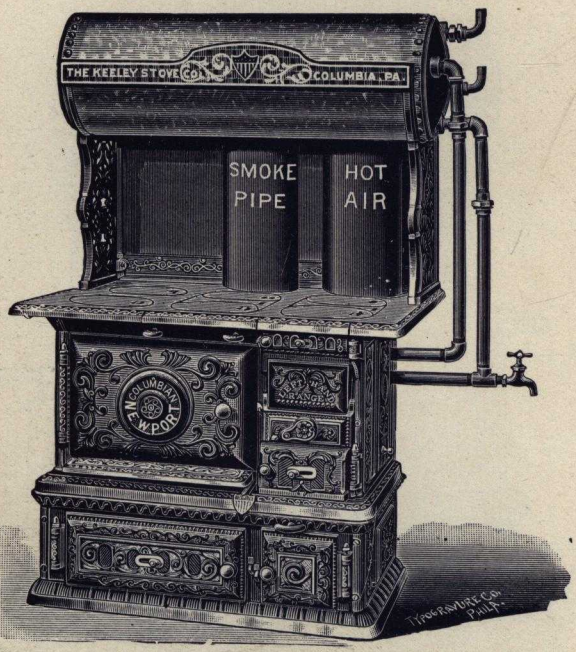
Same as shown on page 7 with Upper Shelf, less High Closet.

Price lists with Blind Base.	*Black Boiler.*	*Galv'd. Boiler.*
No. 7–16, with Triplex Grate and 34 x 10 inch Boiler	$32 25	$34 50
" 7–16, " " " " 36 x 10 " "	32 75	35 00
" 7–16, " " " " 36 x 12 " "	35 25	37 50
" 8–18, " " " " 36 x 10 " "	35 50	37 75
" 8–18, " " " " 36 x 12 " "	38 00	40 25

Description of grate page 27

Add to above prices for Lower Hot Closet Doors and Ash Sifter	$2 00
" " " " " " " Slide Doors, less Sifter	1 00
" " " " Hot Air Plates	1 00
" " " " Sheet Iron Back	75
Shelf and Brackets, when sold less Range, Boiler and connections, list	5 75

COLUMBIAN NEWPORT.



In ordering, name Base or Style of Closet desired.

Made in two sizes, Right and Left-hand Oven, and with Boiler.

Same as shown on page 7 less High Closet and Upper Shelf.

Price lists with Blind Base.	*Black Boiler.*	*Galv'd. Boiler.*
No. 7-16, with Triplex Grate and 34 x 10 inch Boiler	$31 50	$33 75
" 7-16, " " " " 36 x 10 " "	31 00	33 25
" 7-16, " " " " 36 x 12 " "	33 50	36 75
" 8-18, " " " " 36 x 10 " "	33 75	36 00
" 8-18, " " " " 36 x 12 " "	36 25	38 50

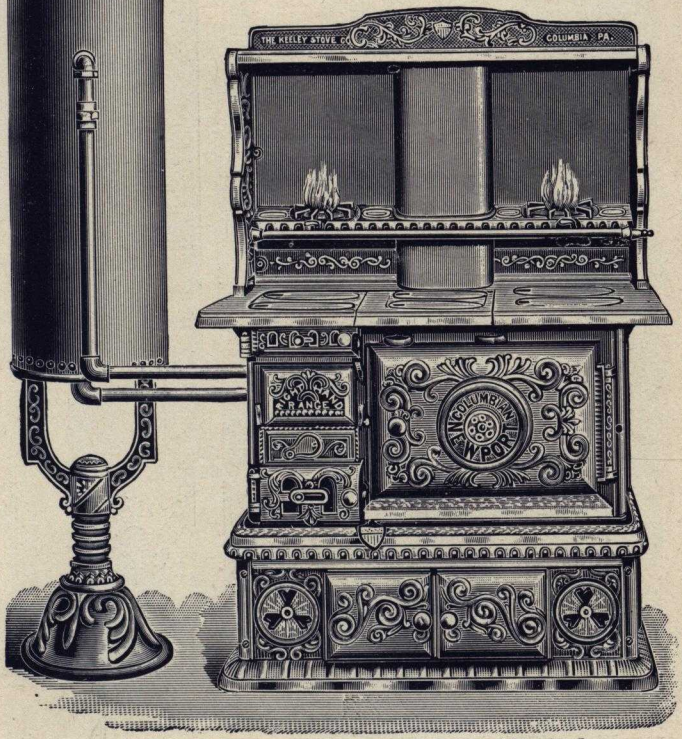
See description of Grate page 27.

Add to above prices for Lower Hot Closet Doors and Ash Sifter	$2 00
" " " " " " " Slide Doors, less Sifter	1 00
" " " " Hot Air Plates	1 00
" " " " Sheet Iron Back	75
Boiler Brackets, when sold less Range, Boiler and connections	list, 3 25

COLUMBIAN NEWPORT.

Brick-Set and Portable Six-Hole Range

With Ideal Shelf. Right-Hand Range. Oven on Right. Shown with Sliding Door Closet.



In Ordering, Name Base or Style of Closet Desired.

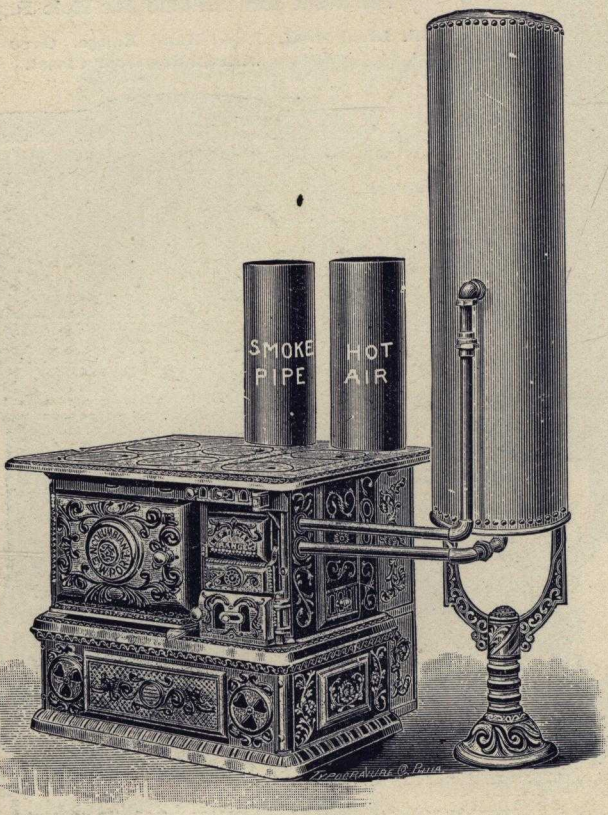
Made Right or Left-Hand Oven. With Plain or Triplex Grate.

	With Base.	*With Low Closet.*	*With Low Closet and Sifter.*
No. 7-16, as shown above, with Water Back, less Boiler, Water Pipe connections and Gas Shelf. Oven 16x16 x11 inches	$21 50	$22 50	$23 50
No. 8-18, as shown above, with Water Back, less Boiler, Water Pipe connections and Gas Shelf. Oven 18x-18x11½ inches	24 75	25 75	26 75
Add to above prices for Hot Air Plates			$1 00
" " " " Sheet Iron Back			75
Water Backs when sold separately, $3.00 list price.			
Brass Couplings, per set, net			85
Remember, when ordering the above, we must know if Base, Sliding Door Low Closet, or Low Closet with Sifter is desired; so please make these things clear and plain in ordering.			
Ideal Shelf for 7-16, when sold separately			List Price, $3 25
" " 8-18, " "			" 3 50
Gas Shelf for Summer Cooking, if needed add to above list			" 3 50
If Gas Shelf is desired, the order must read in that way.			

A Perfect Baker. **A Handsome Range.**

COLUMBIAN NEWPORT.

Portable. Six-Hole Range.



Corner View with Boiler on Stand and Closet Base. Left-Hand Range. Oven on Left.

Made Right or Left-Hand Oven. With Plain or Triplex Grate.

In Ordering, Name Base, or Style of Closet Desired.

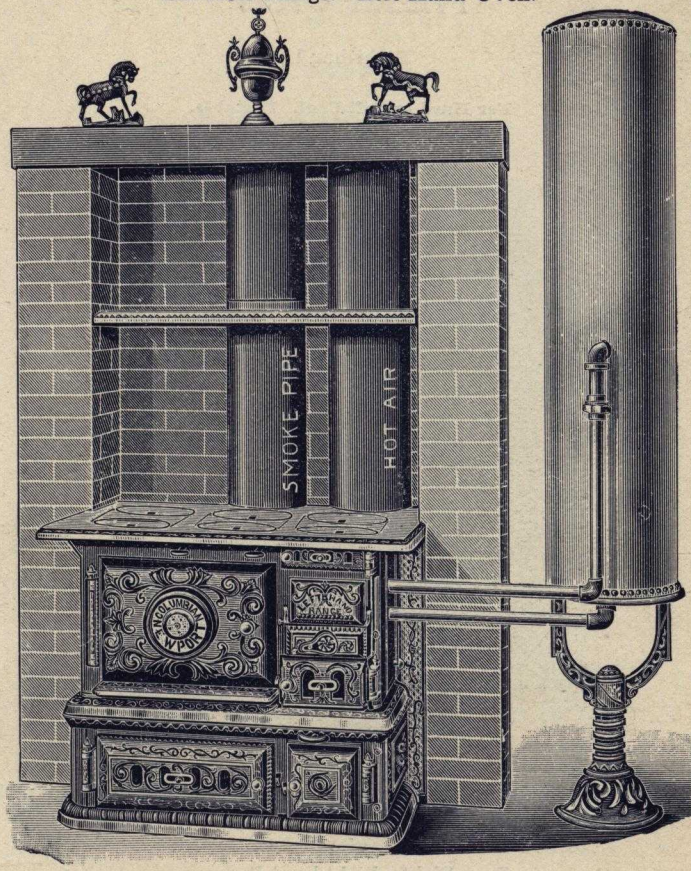
	With Base.	*With Low Closet.*	*With Low Closet and Sifter.*
No. 7-16, as shown above, with Water Back, less Boiler and connections. Oven 16 x 16 x 11 inches	$18 00	$19 00	$20 00
No. 8-18, as shown above, with Water Back, less Boiler and connections. Oven 18 x 18 x 11½ inches	21 00	22 00	23 00
Add to above prices for Hot Air Plates			$1 00
" " " " Sheet Iron Back			75
Brass Couplings per set...net			85

Remember when ordering the above, we must know if Base, Sliding Door Low Closet, or Low Closet with Sifter is desired ; so please make these things clear and plain in ordering.

Water Backs, $3.00 list price when ordered separate.

COLUMBIAN NEWPORT.

Six-Hole Range. Left-Hand Oven.



In Ordering, name Base or Style of Closet desired.

Brick Set with Boiler and Stand. Made with Low Closet, Blind Base, Closet and Ash Sifter. Made Right and Left-Hand Oven. With Plain or Triplex Grate.

	With Base.	*With Low Closet.*	*With Low Closet and Sifter.*
No. 7-16, as shown above, with Water Back, less Boiler and connections. Oven 16 x 16 x 11 inches	$18 50	$19 50	$20 50
No. 8-18, as shown above, with Water Back, less Boiler and connections. Oven 18 x 18 x 11½ inches	21 50	22 50	23 50

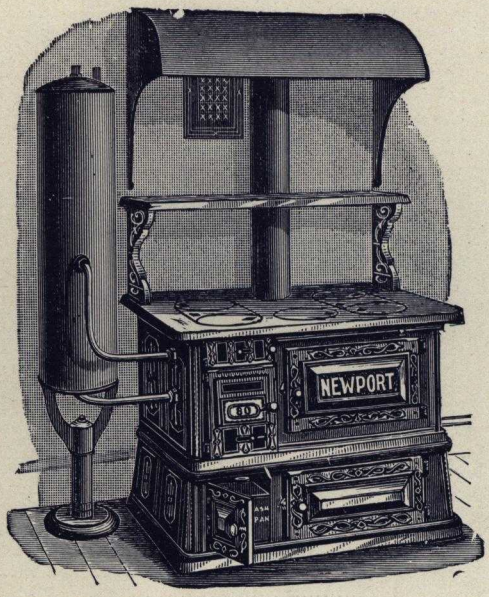
Water Back, less Couplings, when sold separately.....List Price, $3 00
Brass Couplings, per set, extra, when sold separately.....Net, 85

When Warming Shelf is not wanted deduct 50c from list.

NEWPORT.

Right-hand.

For Hard or Soft Coal. Portable.



The heaviest and most substantial Range in the market and a perfect worker. Plain or Duplex Grate.

Oven Right—Right-hand Range.

	With Hot Closet.	*With Skirt Base*
No. 70	$17 50	$15 50
" 80	19 00	17 00

Elevated Back Shelf.....$2 00, List Price.
Water back.....net, 3 00, " "

Get Names and Numbers in order full and clear.

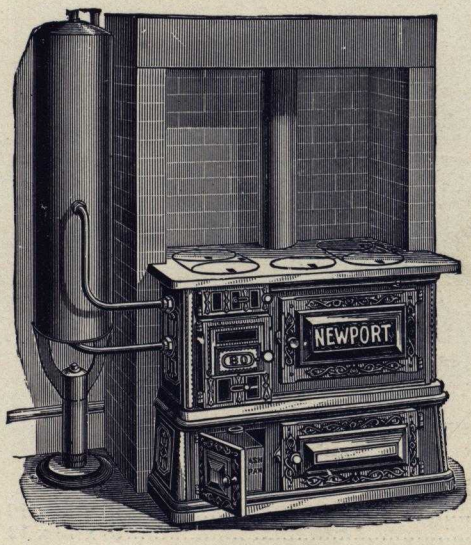
Mention kind of Grate desired.

Range Right or Left-hand.

NEWPORT.

Right-hand.

For Hard or Soft Coal. Brick Set.



Superior to any Range in the market for a cheap Brick Set Range. Made with Right or Left-hand Oven, and with Plain or Duplex Grate.

	With Hot Closet.	*With Skirt Base.*
No. 70	$16 50	$14 50
" 80	18 00	16 00

Water Back, $3 00 List Price.

In ordering new ranges or repairs always mention style of Grate and whether Right or Left-hand Oven, Brick Set or portable.

Get Names, Numbers and Discription full and clear.

COLUMBIAN CHOICE.

Made With and Without Reservoir and with Right-hand Oven only. Sent with Pouch Feed if so Ordered.

	Oven Size.	Price List Less Reservoir.
No. 7–18	18 x 18 x 12	$22 75
" 8–18	18 x 18 x 12	23 75
" 8–20	20 x 20 x 13¼	26 25
" 9–20	20 x 20 x 13¼	27 25
" 8–22	22 x 22 x 14	30 00
" 9–22	22 x 22 x 14	31 00

Nos. 7—18 and 8—18, Columbian Choice adapted for wood.....20 inches long.
" 8—20 " 9—20, " " " " " .....22 " "
" 8—22 " 9—22, " " " " " .....24 " "

Fire box suitable for Anthracite or Bituminous Coal, wood fixtures for wood. Cast linings when so ordered. Ironstone or clay linings go as a rule. Bed plate in two parts so that fire box can be repaired without disturbing water back. Every Range warranted.

Never fails. To operate it, see that your chimney is clean and draft good. Close all openings in your chimney and see that a neat fitting pipe collar closes the openings, if any, around the pipe where it enters the chimney. Six-inch pipe should be used for anthracite coal ; seven-inch pipe for bituminous coal. Push damper in to bake.

We warrant our goods, but require conditions reasonably favorable for the operation of our stoves.

Reservoir Range, when used for baking should have the Reservoir damper closed. (Handle pointing up).

COLUMBIAN CHOICE.

Showing Reservoir.

Made With and Without Reservoir and with Right-hand Oven Only.

Shipped with Pouch Feed if desired. Triplex Grate. The only perfect Grate made

	Oven Size.	Price List. with Reservoir.
No. 7–18	18 x 18 x 12	$29 25
" 8–18	18 x 18 x 12	30 25
" 8–20	20 x 20 x 13¼	33 75
" 9–20	20 x 20 x 13¼	34 75
" 8–22	22 x 22 x 14	37 50
" 9–22	22 x 22 x 14	38 50

Push damper in to bake and close Reservoir damper (handle pointing up.)

For Tea Shelf, add $1.00 to above price list.
" No. 3 Shelf, add $2.50 to above price list.
" " " " with Cup Plates $2.75 list price.
Cosy Closet, add $8.50.

Made with Triplex Grate and Right-hand Oven.

Fire box suitable for Anthracite or Bituminous Coal. Wood fixtures for wood. Cast linings when so ordered. Ironstone or clay linings go as a rule. Bed plate in two parts so that fire box can be repaired without disturbing water back. Every Range WARRANTED.

COLUMBIAN CHOICE.

Made with Right-hand Oven Only. Showing Tea Shelf.

Shipped with Pouch Feed, if desired.

	Oven Size.	*Price List with Tea Shelf.*
No. 7–18	18 x 18 x 12	$23 75
" 8–18	18 x 18 x 12	24 75
" 8–20	20 x 20 x 13¼	27 25
" 9–20	20 x 20 x 13¼	28 25
" 8–22	22 x 22 x 14	31 00
" 9–22	22 x 22 x 14	32 00

Push Damper in to Bake. Made with Triplex Grate.

Fire box suitable for Anthracite or Bituminous Coal. Wood fixtures for wood. Cast Linings when so ordered. Ironstone or Clay Linings go as a rule. Bed Plate in two parts so that Fire Box can be repaired without disturbing Water Back. Every range WARRANTED.

COLUMBIAN CHOICE.

Made with Right-hand Oven only. Showing Reservoir and Tea Shelf.

Shipped with Pouch Feed if desired. Every Range has Triplex Grate.

	Oven Size.	*Price List, with Res. and Tea Shelf.*
No. 7–18	18 x 18 x 12	$30 25
" 8–18	18 x 18 x 12	31 25
" 8–20	20 x 20 x 13¼	34 75
" 9–20	20 x 20 x 13¼	35 75
" 8–22	22 x 22 x 14	38 50
" 9–22	22 x 22 x 14	39 50

Push Damper in to Bake; close Reservoir Damper (turn handle up).

Fire box suitable for Anthracite or Bituminous Coal. Wood fixtures for wood. Cast linings when so ordered. Ironstone or clay linings go as a rule. Bed plate in two parts so that fire box can be repaired without disturbing water back. Every Range WARRANTED.

COLUMBIAN CHOICE.

Showing No. 3 High Shelf.

Shipped with Pouch Feed, if desired.

	Oven Size.	*Price List with High Shelf*
No. 7–18	18 x 18 x 12	$25 25
" 8–18	18 x 18 x 12	26 25
" 8–20	20 x 20 x 13½	28 75
" 9–20	20 x 20 x 13½	29 75
" 8–22	22 x 22 x 14	32 50
" 9–22	22 x 22 x 14	33 50

Add 25 cents to List Price when Cup Plates are desired with No. 3 Shelf.

Push damper in to bake.

Fire box suitable for Anthracite or Bituminous coal. Wood fixtures for wood. Cast linings when so ordered. Ironstone or clay linings go as a rule. Bed plate in two parts so that fire box can be repaired without disturbing water back. Every Range Warranted. We use the Triplex Grate.

COLUMBIAN CHOICE.

Showing Reservoir and No. 3 Shelf.

Shipped with Pouch Feed if Desired.

	Oven Size.	*Price List, with Res. and No. 3 Shelf.*
No. 7–18	18 x 18 x 12	$31 75
" 8–18	18 x 18 x 12	32 75
" 8–20	20 x 20 x 13¼	36 25
" 9–20	20 x 20 x 13¼	37 25
" 8–22	22 x 22 x 14	40 00
" 9–22	22 x 22 x 14	41 00

Add 25 cents list when cup plates are desired with No. 3 Shelf.

Push damper in to bake; close reservoir damper (turn handle up).

Fire box suitable for Anthracite or Bituminous Coal. Wood fixtures for wood. Cast linings when so ordered. Ironstone or clay linings go as a rule. Bed plate in two parts so that fire box can be repaired without disburbing water back. Every Range WARRANTED. We use the Triplex Grate.

COLUMBIAN CHOICE.

Showing Star Shelf.

Shipped with Pouch Feed if Desired.

	Oven Size.	*Price List. with Star Shelf.*
No. 7–18	18 x 18 x 12	$26 50
" 8–18	18 x 18 x 12	27 50
" 8–20	20 x 20 x 13¼	30 00
" 9–20	20 x 20 x 13¼	31 00
" 8–22	22 x 22 x 14	33 75
" 9–22	22 x 22 x 14	34 75

Push Damper in to bake.

Fire box suitable for Anthracite or Bituminous Coal. Wood Fixtures for wood. Cast linings when so ordered. Ironstone or clay linings go as a rule. Bed plate in two parts so that fire box can be repaired without disturbing water back. Every Range WARRANTED.

~~Deductions for Towel Rods, if not desired, 35c from list.~~
~~" " Cup Plates, " " " 50c " "~~

Please let your order indicate clearly what you want. Made with Triplex Grate.

COLUMBIAN CHOICE.

Showing Reservoir and Columbian Star Shelf.

Shipped with Pouch Feed if Desired.

	Oven Size.	*Price List with Res. and Star Shelf.*
No. 7–18	18 x 18 x 12	$33 00
" 8–18	18 x 18 x 12	34 00
" 8–20	20 x 20 x 13¼	37 50
" 9–20	20 x 20 x 13¼	38 50
" 8–22	22 x 22 x 14	41 25
" 9–22	22 x 22 x 14	42 25

Push Damper in to bake; close Reservoir Damper (turn handle up).

Fire box suitable for Anthracite or Bituminous Coal. Wood fixtures for wood. Cast linings when so ordered. Ironstone or clay linings go as a rule. Bed plate in two parts so that fire box can be repaired without disturbing water back. Every Range WARRANTED.

~~Deductions for Towel Rods, if not desired, 25c. from list.~~
~~" " Cup Plates, " " 50c. " "~~

Please let your order indicate clearly what you want.

COLUMBIAN CHOICE.

Showing Cosy High Closet.

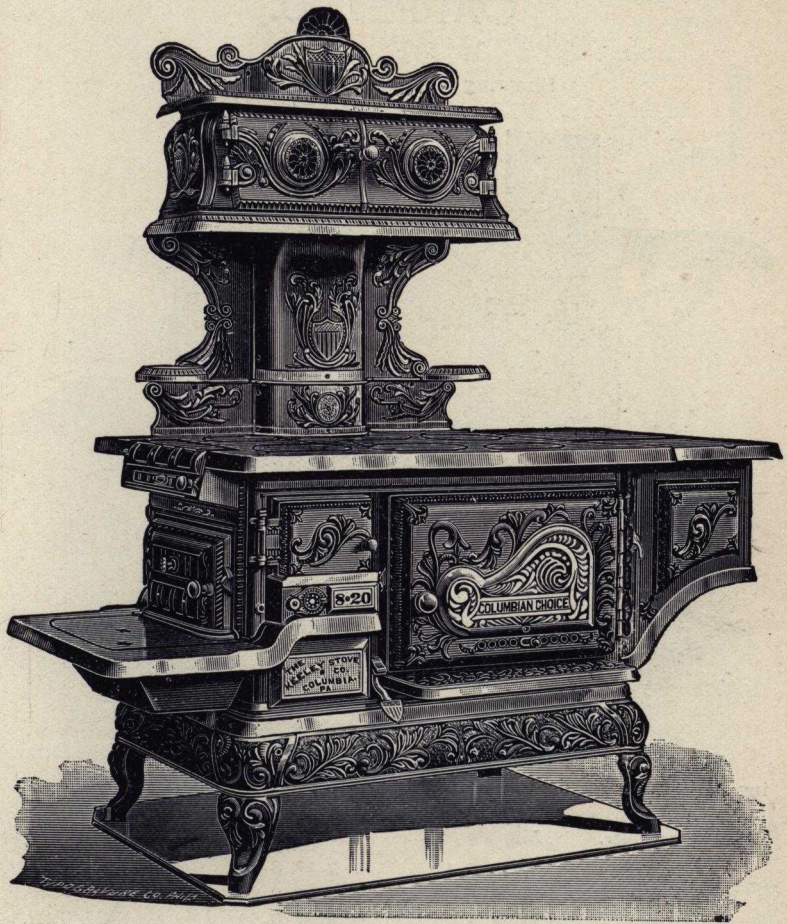
This line of Ranges made Right-hand Oven only.

	Oven Size.	*Price List with Cosy Closet.*
No. 7–18	18 x 18 x 12	31 25
" 8–18	18 x 18 x 12	32 25
" 8–20	20 x 20 x 13¼	34 75
" 9–20	20 x 20 x 13¼	35 75
" 8–22	22 x 22 x 14	38 50
" 9–22	22 x 22 x 14	39 50

Fire box suitable for Anthracite or Bituminous Coal. Wood fixtures for wood. Cast linings when so ordered. Ironstone or clay linings go as a rule. Bed plate in two parts so that fire box can be repaired without disturbing water back. Every Range WARRANTED. Description of Grate see page 27.

COLUMBIAN CHOICE AND RESERVOIR.

Showing Cosy High Closet.



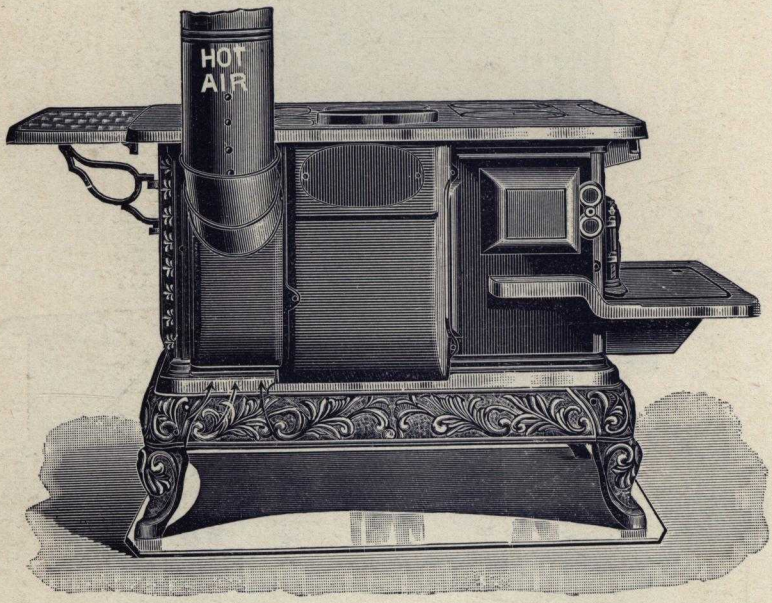
No.		Oven Size.	Price List, with Res. and Cosy Closet.
"	7-18	18 x 18 x 12	$37 75
"	8-18	18 x 18 x 12	38 75
"	8-20	20 x 20 x 13¼	42 25
"	9-20	20 x 20 x 13¼	43 25
"	8-22	22 x 22 x 14	46 00
"	9-22	22 x 22 x 14	47 00

Every Range WARRANTED.

Fire Box suitable for Anthracite or Bituminous Coal. Wood fixtures for wood. Cast linings when so ordered. Ironstone or Clay linings go as a rule. Bed Plate in two parts so that Fire Box can be repaired without disturbing Water Back. Description of Grate page 27.

COLUMBIAN CHOICE, AND NEW CAPPELLO.

Showing Heating Attachment.



The application shown in the above cut is perfectly adapted to the following Ranges of our make :

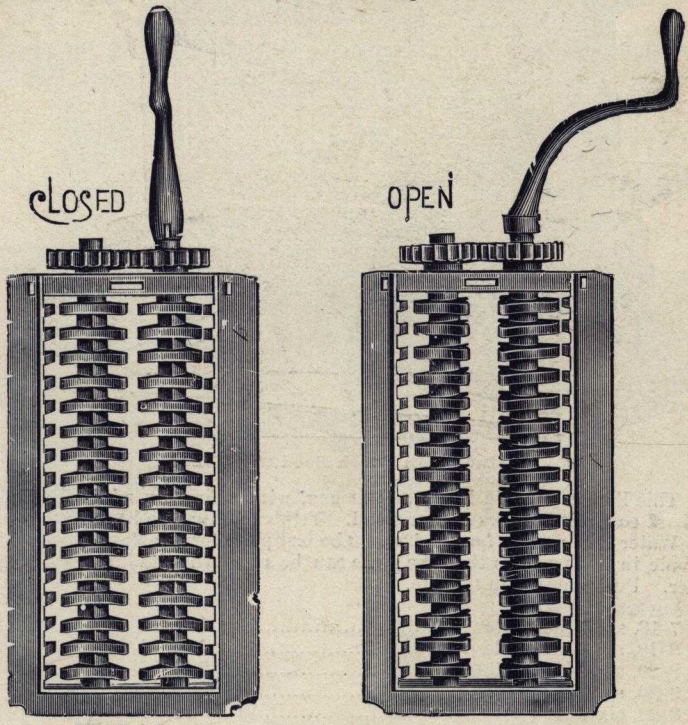
Columbia Choice.	*New Cappello.*	*Columbian Plato.*	*New Johnstown.*
7–18, 8–18,	7–18, 8–18,	7–18, 8–18,	7–18, 8–18,
8–20, 9–20,	8–20, 9–20,	8–20, 9–20,	8–20, 9–20,
8–22, 9–22.	8–22, 9–22,	8–22, 9–22.	8–22, 9–22.

The dealer will please add to the respective prices of these Ranges $2.50 list, for this Double Heating Attachment.

Instructions for its Use.—Open the oven door slightly and pull out the Hot Air damper if you wish to throw the heat from the oven up stairs. When the oven is in use for baking or roasting, close the damper by pushing it in as tightly as possible.

THE TRIPLEX GRATE.

The cuts below illustrate the Triplex Grate as used in the Columbian Choice, Columbian Plato (1894), New Cappello, Columbian Newports, Columbian Charm, Columbian Star, Columbian Daisy and Columbian Dandy Ranges. Grate and application has been tested and tried, and we warrant it will do better work, last longer, and save more coal than any other grate made.



The Triplex Grate. Why it is Best and How to Operate it.

First.——because it has all the advantages of the Duplex, Dockash and Flat Grates, simple as the flat Grate and does not need long experience to manage it.

Second.—It is more desirable than any other form of Grate, because it has three separate sides, or three grates in one, and is not easily warped by the action of the fire.

Third.—Because our application is perfect, the Grate, is always adjusted and in position, when you can apply or remove the shaker. The nib on the shaker and slot or groove under shaker bar are intended the one to pass through the other when you apply or remove shaker. Observe this rule in shaking the grate. If draught is good, keep damper pushed in, or push it in one hour before baking. You cannot bake without a good fire, so shake out all the dead matter in your fire box, and keep a good, clean fire for baking. The life and durability of the grate is prolonged by keeping a clean ash pit.

Fourth.—Because, after eight years of trial upon the market not one Triplex Grate as applied by us in the Columbia Ranges has been condemned. Not a half dozen repaired out of the many thousands sold. We challenge comparison.

NEW CAPPELLO.

Made with Right and Left-hand Ovens. Showing Right-hand Range.

Made with Pouch Feed if Desired.

This Range is made heavy and strong, with a fire box adapted and made for hard coal, bituminous coal or wood. Triplex Grate, the best Grate in use.

Water Backs made for all sizes. The bed plate for the New Capello Range is made in two parts so that the grate can be removed without disturbing the water. Push damper in to bake.

	Oven Size.	*With Skirt.*
No. 7–18, six 7-inch holes,	18 x 18 x 12	$21 25
" 8–18, six 8-inch holes,	18 x 18 x 12	22 25
" 8–20, six 8-inch holes,	20 x 20 x 13¼	24 75
" 9–20, six 9-inch holes,	20 x 20 x 13¼	25 75
" 8–22, six 8-inch holes,	22 x 22 x 14	28 25
" 9–22, six 9-inch holes,	22 x 22 x 14	29 25

Add for Hot Air Attachment, ... $1 75 list price
" " " " " Elbow, if desired, ... 75 "

Water Back, $3 00 list price.

Clay linings are used as a rule. Cast lining can be supplied if so desired. If Pipe Shelves, Tea Shelves or Closets are desired, the order must clearly indicate it.

Deduct for Skirting, 7–18, 8–18, 8–20, 9–20 ..... $1 00
" " " 8–22, 9–22, ... 1 25

No. 7–18 and 8–18 New Cappello, adapted for wood, 20 inches long.
" 8–20 and 9–20 " " " " " 22 " "
" 8–22 and 9–22 " " " " " 24 " "

For Nickeling 7–18, 8–18, 8–20, 9–20 Feet and Skirting list, $1 50
" " 8–22, 9–22, " " " " 1 75

NEW CAPPELLO.

Made with Right or Left-hand Ovens. Showing Reservoir.

Shipped with Pouch Feed if desired.

	Oven Size.	*Price List, with Res.*
No. 7–18	18 x 18 x 12	$27 75
" 8–18	18 x 18 x 12	28 75
" 8–20	20 x 20 x 13¼	32 25
" 9–20	20 x 20 x 13¼	33 25
" 8–22	22 x 22 x 14	35 75
" 9–22	22 x 22 x 14	36 75

For Tea Shelf, add $1 00 to above price list.
" No. 3 Shelf, add 2 50 " " "
" Cosy Closet, add 3 50 " " "
" No. 3 Shelf, with Cup Plates, add $2 75 to above price list.

Push Damper in to bake, to close Reservoir Damper, turn handle up.

Fire box suitable for Anthracite or Bituminous Coal. Wood fixtures for wood. Cast linings when so ordered. Ironstone or clay linings go as a rule. Bed plate in two parts so that fire box can be repaired without disturbing water back. Every Range WARRANTED.

No. 7–18 and 8–18, New Cappello, Length of Wood used in fire box...20 inches
" 8–20 " 9–20, " " " " " " " ...22 "
" 8–22 " 9–22, " " " " " " " ...24 "

NEW CAPPELLO.

Showing Tea Shelf.

Right-Hand Oven Range.

Shipped with Pouch Feed when Desired.

	Oven Size.	*Price List, with Tea Shelf.*
No. 7–18	18 x 18 x 12	$22 25
" 8–18	18 x 18 x 12	23 25
" 8–20	20 x 20 x 13¼	25 75
" 9–20	20 x 20 x 13¼	26 75
" 8–22	22 x 22 x 14	29 25
" 9–22	22 x 22 x 14	30 25

Every Range WARRANTED.

Fire box suitable for Anthracite or Bituminous Coal. Wood fixtures for wood. Cast linings when so ordered. Ironstone or clay linings go as a rule. Bed plate in two parts so that fire box can be repaired without disturbing water back.

NEW CAPPELLO.

Showing Reservoir and Tea Shelf, with Right-hand Oven.

	Oven Size.	*Price List with Res. and Tea Shelf.*
No. 7–18	18 x 18 x 12	$28 75
" 8–18	18 x 18 x 12	29 75
" 8–20	20 x 20 x 13¼	33 25
" 9–20	20 x 20 x 13¼	34 25
" 8–22	22 x 22 x 14	36 75
" 9–22	22 x 22 x 14	37 75

Every Range WARRANTED.

Fire Box suitable for Anthracite or Bituminous Coal. Wood fixtures for Wood. Cast linings when so ordered. Ironstone or Clay linings go as a rule. Bed Plate in two parts so that Fire Box can be repaired without disturbing Water Back.

Deduct for skirting, when not furnished, as follows :

Nos. 7–18, 8–18, 8-20 and 9-20	$1 00
" 8–22, 9-22	1 25

NEW CAPPELLO.

Showing No. 3 High Shelf.

Right-hand Range (Oven Right).

	Oven Size.	*Price List with No. 3 Shelf.*
No. 7–18	18 x 18 x 12	23 75
" 8–18	18 x 18 x 12	24 75
" 8–20	20 x 20 x 13¼	27 25
" 9–20	20 x 20 x 13¼	28 25
" 8–22	22 x 22 x 14	30 75
" 9–22	22 x 22 x 14	31 75

Every Range Warranted.

Fire box suitable for Anthracite or Bituminous Coal. Wood fixtures for wood. Cast linings when so ordered. Ironstone or clay linings go as a rule. Bed plate in two parts so that fire box can be repaired without disturbing water back.

Nickel Cup Plates can be furnished for the Above Shelf at 25 cts. list price.

NEW CAPPELLO.

Showing Reservoir and No. 3 High Shelf.

Right-hand Range (Oven Right.)

	Oven Size.	*Price List, with Res. and No. 3 Shelf.*
No. 7–18	18 x 18 x 12	$30 25
" 8–18	18 x 18 x 12	31 25
" 8–20	20 x 20 x 13¼	34 75
" 9–20	20 x 20 x 13¼	35 75
" 8–22	22 x 22 x 14	38 25
" 9–22	22 x 22 x 14	39 25

Fire box suitable for Anthracite or Bituminous Coal. Wood fixtures for wood. Cast linings when so ordered. Ironstone or clay linings go as a rule. Bed plate in two parts so that fire box can be repaired without disturbing water back. Every Range WARRANTED.

Deduct for Skirting, when not furnished, as follows :

Nos. 7–18, 8–18, 8–20 and 9–20 .....list, $1 00
" 8–22 and 9–22 ..... " 1 25

Nickel Cup Plates can be furnished for the above shelf at 25c list price.

NEW CAPPELLO.

Showing Columbian Star Shelf.

Shipped with Pouch Feed if so Desired.

	Oven Size.	*Price List, with Star Shelf.*
No. 7–18	18 x 18 x 12	$25 00
" 8–18	18 x 18 x 12	26 00
" 8–20	20 x 20 x 13¼	28 50
" 9–20	20 x 20 x 13¼	29 50
" 8–22	22 x 22 x 14	32 00
" 9–22	22 x 22 x 14	33 00

Fire box suitable for Anthracite or Bituminous Coal. Wood fixtures for wood. Cast linings when so ordered. Ironstone or clay linings go as a rule. Bed plate in two parts so that fire box can be repaired without disturbing water back. Every Range WARRANTED.

~~Deduct for Towel Rods, if not desired ..... list 25c~~
~~" " Cup Plates, " " " ..... " 50c~~

Please let your order indicate clearly what you want.

NEW CAPPELLO.

Showing Reservoir and Columbian Star Shelf.

Shipped with Pouch Feed if so Ordered.

	Oven Size.	*Price List, with Res. and Star Shelf.*
No. 7–18	18 x 18 x 12	$31 50
" 8–18	18 x 18 x 12	32 50
" 8–20	20 x 20 x 13¼	36 00
" 9–20	20 x 20 x 13¼	37 00
" 8–22	22 x 22 x 14	39 50
" 9–22	22 x 22 x 14	40 50

Fire box suitable for Anthracite or Bituminous Coal. Wood fixtures for wood. Cast linings when so ordered. Ironstone or clay linings go as a rule. Bed plate in two parts so that fire box can be repaired without disturbing water back.

~~Deduct for Towel Rods, if not desired.....from list, 25c~~
~~" " Plate Holders, if not desired.....~~ " " ~~list~~

Deduct for Skirting, when not furnished, as follows:

Nos. 7–18, 8–18, 8–20 and 9–20 .....list, $1 00
" 8–22 and 9–22 ..... " 1 25

Please let your order indicate clearly what you want.

NEW CAPPELLO.

Showing Cosy High Closet.

Shipped with Pouch Feed if so Desired.

	Oven Size.	*Price List, with Cosy High Closet.*
No. 7-18	18 x 18 x 12	$29 75
" 8-18	18 x 18 x 12	30 75
" 8-20	20 x 20 x 13½	33 25
" 9-20	20 x 20 x 13½	34 25
" 8-22	22 x 22 x 14	36 75
" 9-22	22 x 22 x 14	37 75

Fire box suitable for Anthracite or Bituminous Coal. Wood fixtures for wood. Cast linings when so ordered. Ironstone or clay linings go as a rule. Bed plate in two parts so that fire box can be repaired without disturbing water back. Every Range WARRANTED.

NEW CAPPELLO.

Showing Reservoir and Cosy High Closet.

Shipped with Pouch Feed if Desired.

	Oven Size.	*Price List, with Res. and Cosy Closet.*
No. 7–18	18 x 18 x 12	$36 25
" 8–18	18 x 18 x 12	37 25
" 8–20	20 x 20 x 13¼	40 75
" 9–20	20 x 20 x 13¼	41 75
" 8–22	22 x 22 x 14	44 25
" 9–22	22 x 22 x 14	45 25

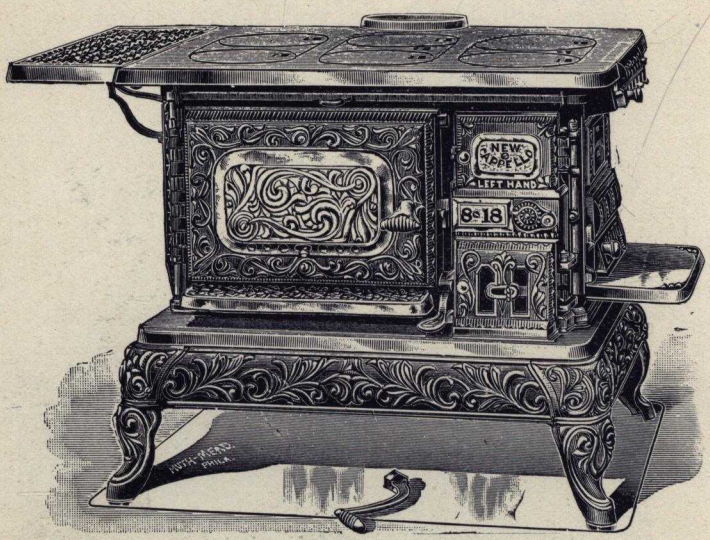
Fire box suitable for Anthracite or Bituminous Coal. Wood fixtures for wood. Cast lining when so ordered. Ironstone or clay linings go as a rule. Bed plate in two parts so that fire box can be repaired without disturbing water back. Every Range WARRANTED.

Deduct for skirting, when not furnished, as follows:

Nos. 7-18, 8-18, 8-20 and 9-20 ..... list, $1 00
" 8-22 and 9-22 ..... " 1 25

NEW CAPPELLO.

Showing Left-hand Oven.



Left-hand Range. Finished and Supplied with Shelves same as the Right-hand Range.

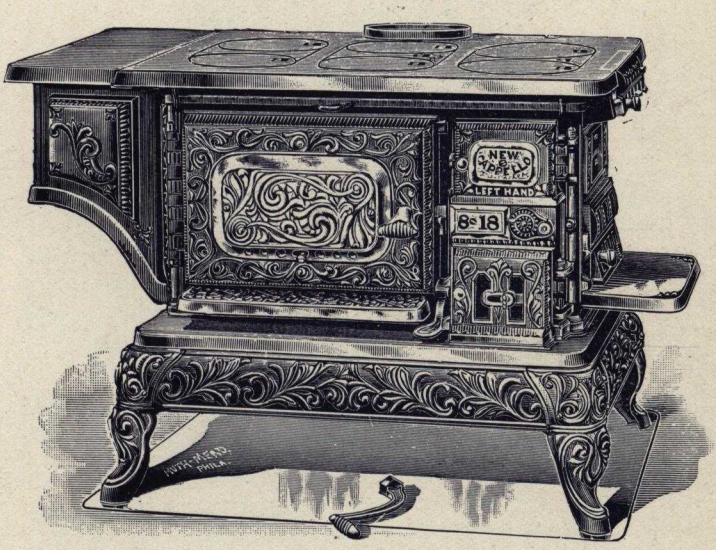
	Oven Size.	*Price List Less Reservoir.*	*Price List with Reservoir.*
No. 7-18	18 x 18 x 12	$21 25	$27 75
" 8-18	18 x 18 x 12	22 25	28 75
" 8-20	20 x 20 x 13¼	24 75	32 25
" 9-20	20 x 20 x 13¼	25 75	33 25
" 8-22	22 x 22 x 14	28 25	35 75
" 9-22	22 x 22 x 14	29 25	36 75

For Tea Shelf add $1.00 to above price list.
For No. 3 Shelf add $2.50 to above price list.
For No. 3 Shelf with Cup Plates $2.75 list.
For Cosy Closet add $8.50 to above price list.
For Star Shelf, plain, add $3.00 to above price list.
For Star Shelf with Plate Holders add $3.50 to above price list.
For Star Shelf with Plate Holders and Towel Rods add $3.75 to above price list.

Fire box suitable for Anthracite or Bituminous Coal. Wood fixtures for wood. Cast linings when so ordered. Ironstone or clay linings go as a rule. Bed plate in two parts so that fire box can be repaired without disturbing water back. Every Range WARRANTED.

NEW CAPPELLO.

Showing Left-hand Oven with Reservoir.



Left-hand Range.

Add to the price-list given below, the price-list for any style shelf desired. Price-list for shelves on pages 72 and 73.

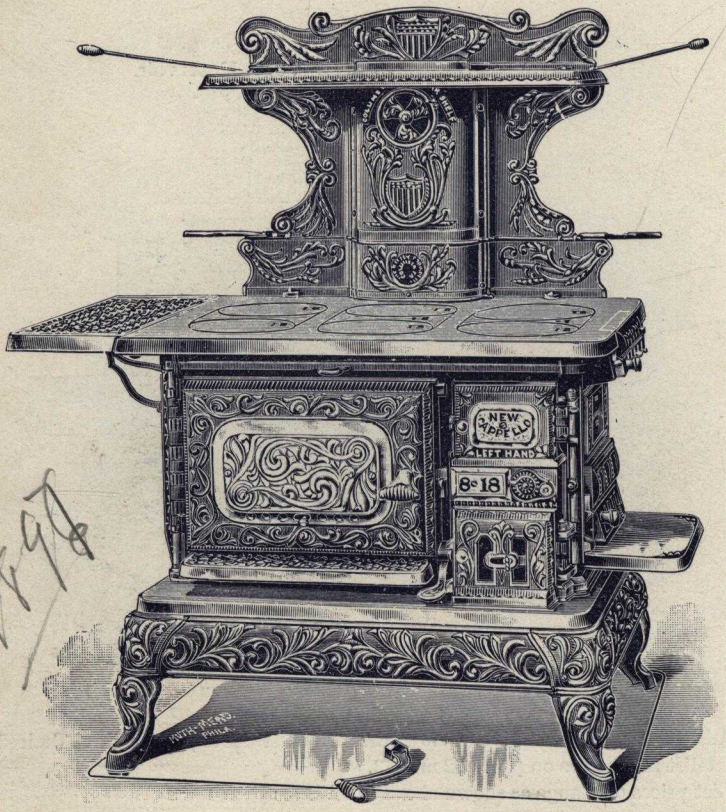
List prices on Range as shown above as follows:

	Oven Size.	*Price List, with Reservoir.*
No. 7–18	18 x 18 x 12	$27 75
" 8–18	18 x 18 x 12	28 75
" 8–20	20 x 20 x 13½	32 25
" 9–20	20 x 20 x 13½	33 25
" 8–22	22 x 22 x 14	35 75
" 9–22	22 x 22 x 14	36 75

Reservoir Range, when used for baking, should have the Reservoir damper closed. (Handle pointing up.)

NEW CAPPELLO.

Left-hand Oven, with Star Shelf Complete.



Left-hand Range.

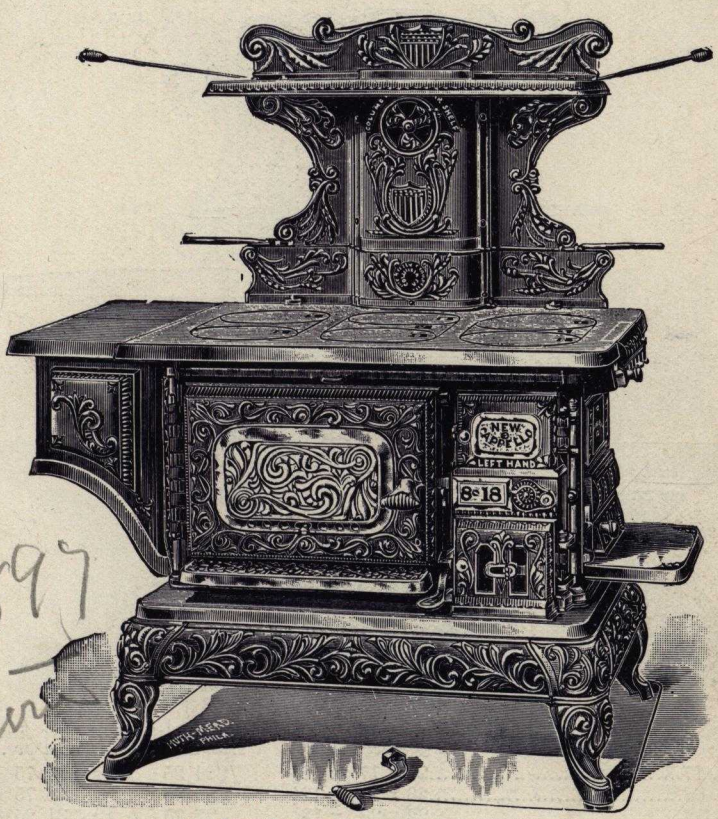
List Price as shown above.

	Oven Size.	Price List, with Star Shelf.
No. 7–18	18 x 18 x 12	$25 00
" 8–18	18 x 18 x 12	26 00
" 8–20	20 x 20 x 13½	28 50
" 9–20	20 x 20 x 13½	29 50
" 8–22	22 x 22 x 14	32 00
" 9–22	22 x 22 x 14	33 00

No. 7–18 and 8–18 New Cappello adapted for wood 20 in. long
" 8–20 and 9–20 " " " " " 22 " "
" 8–22 and 9–22 " " " " " 24 " "

NEW CAPPELLO.

Showing Star Shelf Complete with Reservoir.



Left-hand Range, Left-hand Oven.

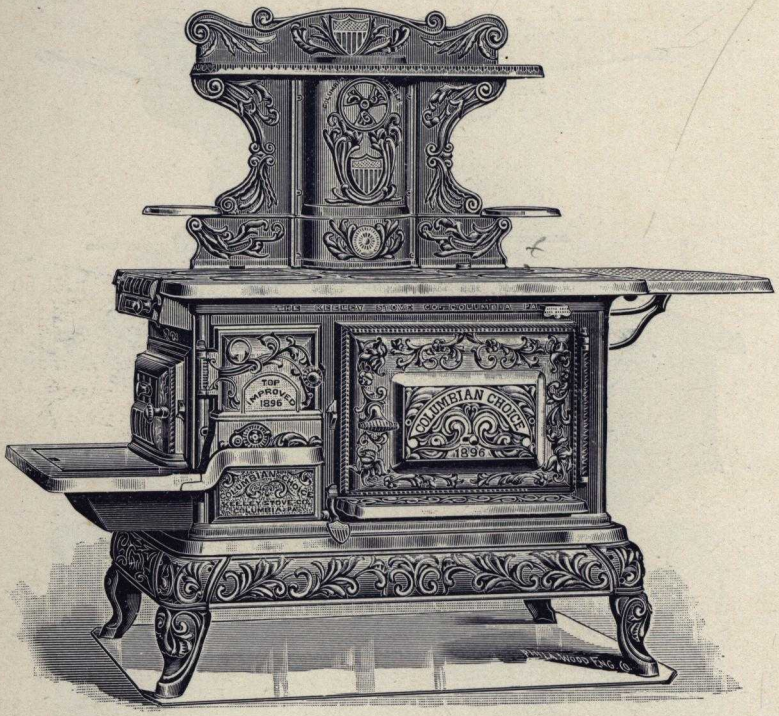
List-price as shown above.

		Oven Size.	
No.	7–18	18 x 18 x 12	$31 50
"	8–18	18 x 18 x 12	32 50
"	8–20	20 x 20 x 13¼	36 00
"	9–20	20 x 20 x 13¼	37 00
"	8–22	22 x 22 x 14	39 50
"	9–22	22 x 22 x 14	40 50

Nos. 7–18 and 8–18, New Cappello adapted for wood, 20 in. long.
" 8–20 " 9–20, " " " " " 22 " "
" 8–22 " 9–22, " " " " " 24 " "

COLUMBIAN CHOICE. 1896.

With Star Shelf.



	Oven Size.	Price List Less Shelf.	Price List as above.
No. 17	20 x 17½ x 12½	$24 25	$27 75
" 88	20 x 17½ x 12½	25 25	28 75
" 18	22 x 20 x 13½	27 75	31 25
" 99	22 x 20 x 13½	28 75	32 25

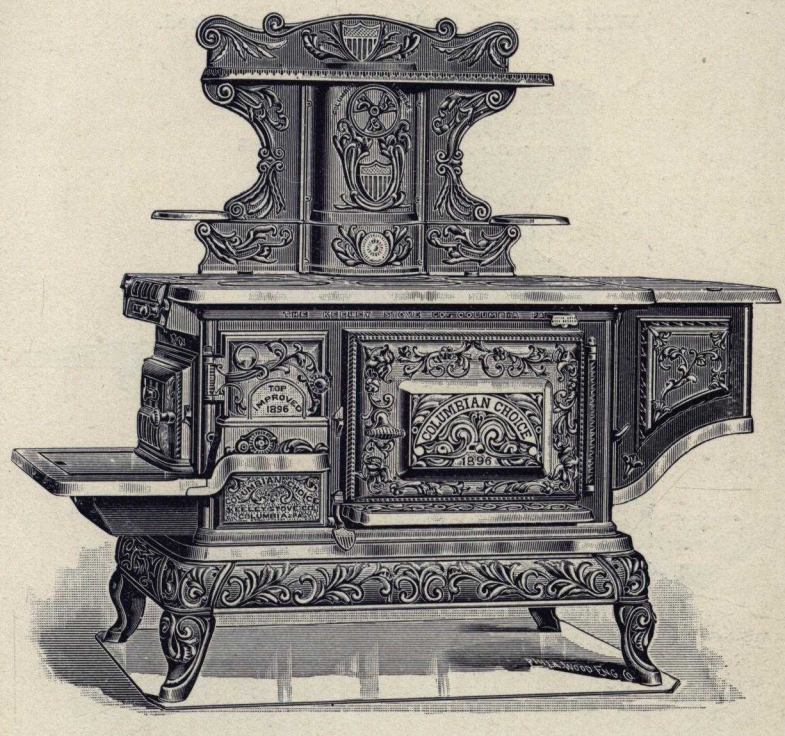
For Tea Shelf add	$1 00 to above list.
For No. 3 Shelf add	2 50 " " "
For Cosy Closet add	8 50 " " "
For Columbian Star Shelf with Plate Holders add..	3 50 " " "
For Columbian Star Shelf less Plate Holders add...	3 00 " " "
For Columbian Star Shelf with Plate Holder and Towel Rods add	3 75 " " "

The dealer will please adjust the price from the lists above to the conditions desired. Water Backs, all sizes, $3.00 list price. Double heating attachments, $1.00 list.

Nos. 17 and 88 Columbia Choice adapted for wood 22 in. long.
" 18 and 99 " " " " " " 24 " "

COLUMBIAN CHOICE, 1896.

With Reservoir and Star Shelf.



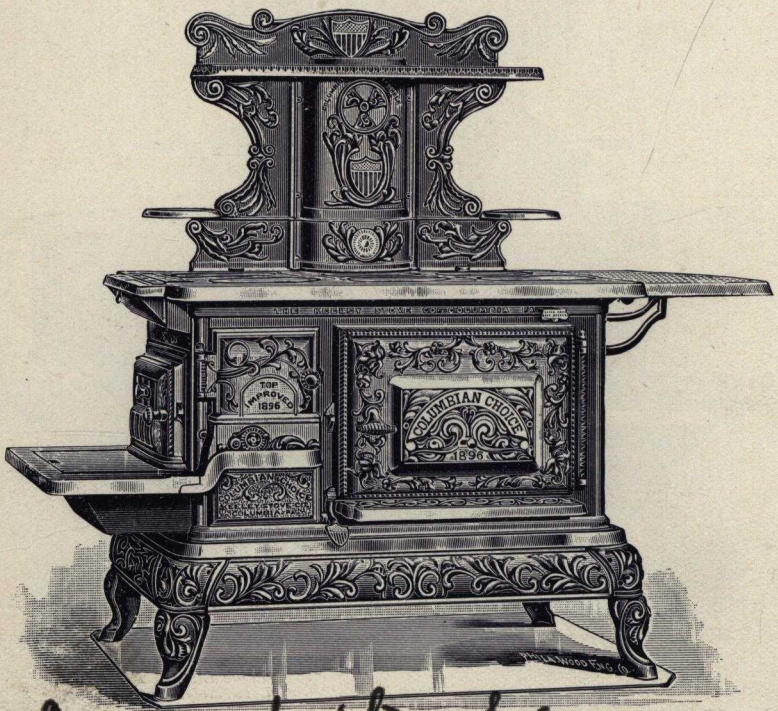
	Oven Size.	Price List, Less Shelf.	Price List, as above.
No. 17	20 x 17½ x 12½	$30 75	$34 25
" 88	20 x 17½ x 12½	31 75	35 25
" 18	22 x 20 x 13½	35 25	38 75
" 99	22 x 20 x 13½	36 25	39 75

For Tea Shelf, add ..... $1 00 to above price-list.
" No. 3 Shelf, add ..... 2 50 " " "
" Cosy Closet, add ..... 8 50 " " "
" Columbian Star Shelf, with Plate Holders, add ..... 3 50 " " "
" " " " less Plate Holders, add ..... 3 00 " " "
" " " " with Plate Holders and Towel Rods, add ..... 3 75 " " "

The dealer must adjust the price from the above list to the combination desired. Water backs for all sizes, $3.00 list. Double heating attachments, $1.00 list.

COLUMBIAN CHOICE, 1896.

With Star High Shelf, Showing Pouch Feed.



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Prices

	Oven Size.	Price List as above.	Price List as above with Reservoir.
No. 17	20 x 17½ x 12½	$27 75	$31 25
" 88	20 x 17½ x 12½	28 75	32 25
" 18	22 x 20 x 13½	31 25	34 75
" 99	22 x 20 x 13½	32 25	35 75

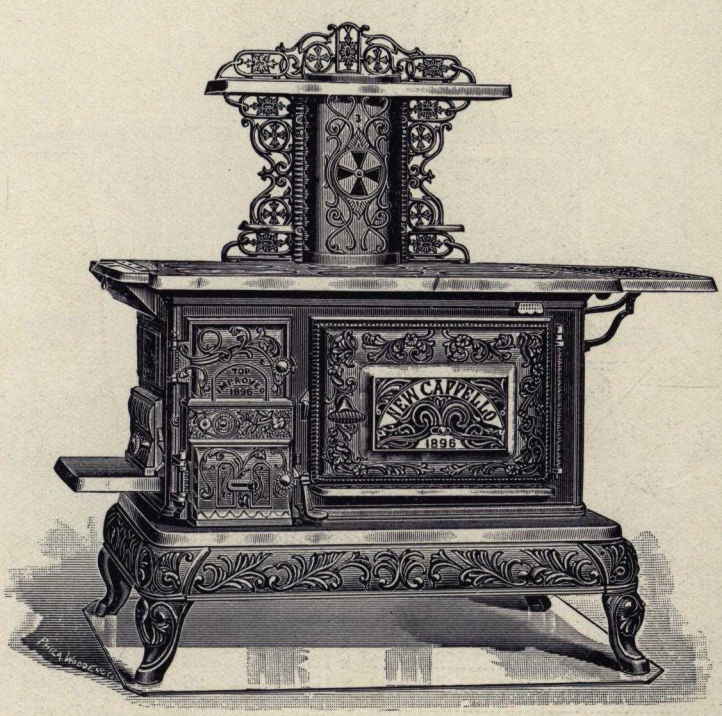
A Double Heating Attachment can be used with this Range.

Made with and without Reservoir.

For style of Shelves and List-prices, see pages 72 and 73.

NEW CAPPELLO, 1896.

With No. 3 High Shelf, Showing Pouch Feed.



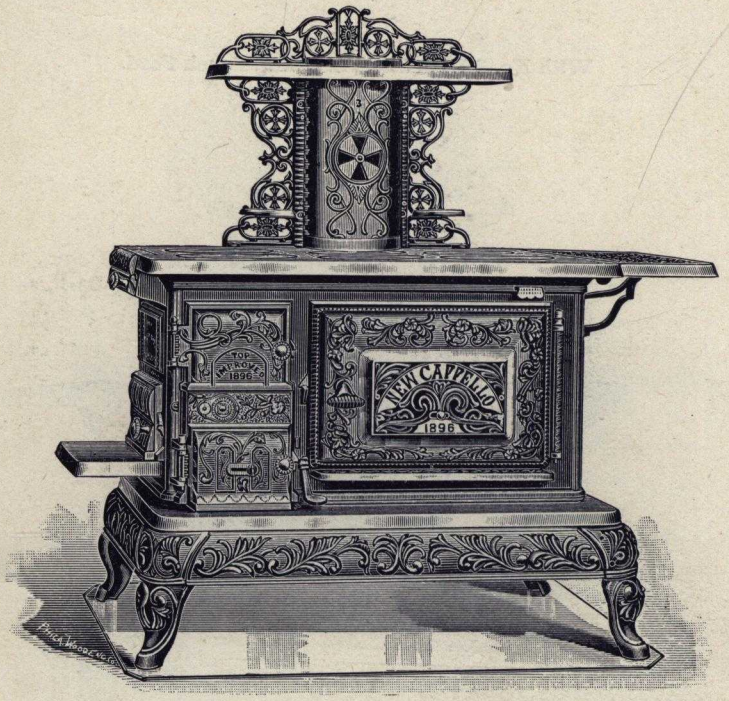
		Price List, Less Shelf.	*Price List, Less Shelf, with Reservoir.*
No. 17	20 x 17½ x 12½	$22 75	$29 25
" 88	20 x 17½ x 12½	23 75	30 25
" 18	22 x 20 x 13½	26 25	33 75
" 99	22 x 20 x 13½	27 25	34 75

Made with and without Reservoir.

For Style of Shelves and List-prices, see pages 72 and 73.

NEW CAPPELLO. 1896.

With No. 3 Shelf.



	Oven Size.	Price List Less Shelf.	Price List as above.
No. 17	20 x 17½ x 12½	$22 75	$25 25
" 88	20 x 17½ x 12½	23 75	26 25
" 18	22 x 20 x 13½	26 25	28 75
" 99	22 x 20 x 13½	27 75	29 75

For Tea Shelf, add $1.00 to above price list.
For No. 3 Shelf, add $2.50 to above price list.
For Cosy Closet, add $8.50 to above price list.
For Columbian Star Shelf, with Plate Holders and Towel Rods, add $3.75 to above price list.
For Columbian Star Shelf with Plate Holders, add $3.50 to above price list.
For Columbian Star Shelf less Plate Holders, add $3.00 to above price list.
Make following deductions if stove is desired without skirt:

Nos. 17 and 88, $1.00 list price. Nos. 18 and 99, $1.25 list price.

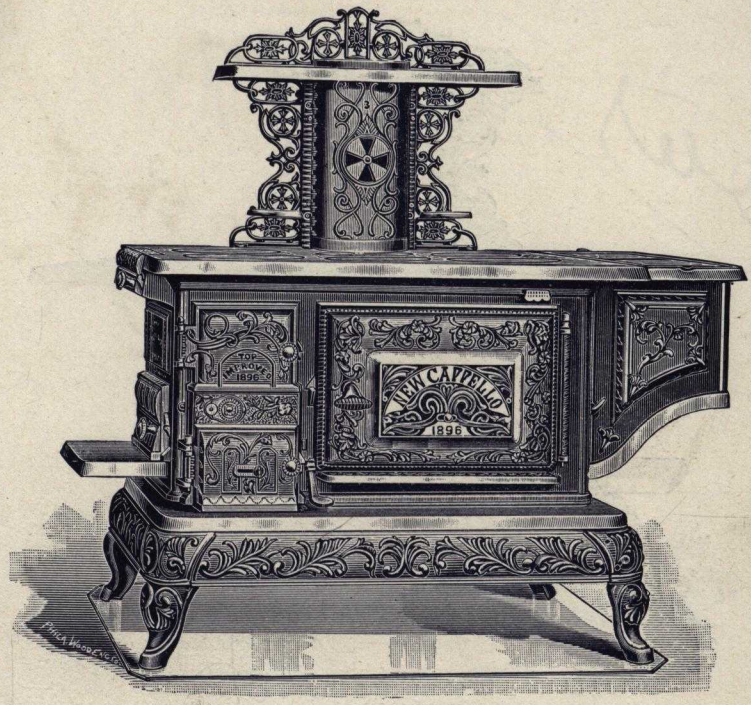
The dealer will please adjust the prices from the above lists to the combinations desired.

Water Backs, $3.00 list. Double heating attachments $1.00.

Nos. 17 and 88 New Cappello adapted for wood, 22 in long.
" 18 and 99 " " " " " " 24 " "

NEW CAPPELLO, 1896.

With No. 3 Shelf and Reservoir.



		Oven Size.	Price List, Less Shelf.	Price List, as above.
No.	17	20 x 17½ x 12½	$29 25	$31 75
"	88	20 x 17½ x 12½	30 25	32 75
"	18	22 x 20 x 13½	33 75	36 25
"	99	22 x 20 x 13½	33 75	37 25

For Tea Shelf, add $1.00 to above price list.
For No. 3 Shelf, add $2.50 to above price list.
No. 3 Shelf with Cup Plates, $2.75 list.
Cosy Closet, add $8.50 to above price list.

For Columbian Star Shelf with Plate Holders and Towel Rods, add...$3 75
" " " " " " " add..... 3 50
" " " " less " " " 3 00

Make the following deductions if Stove is desired less Skirt :

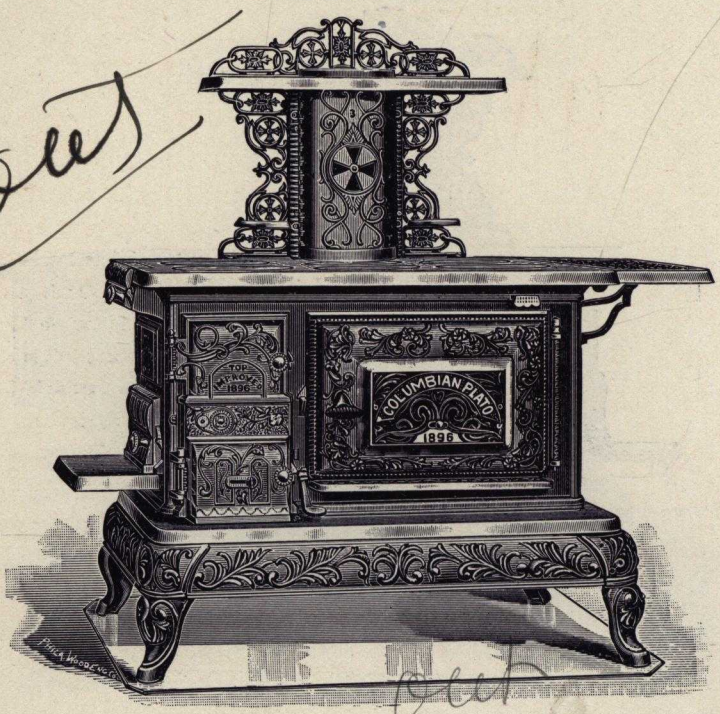
Nos. 17 and 88 ..... list price, $1 00
" 18 " 99 ..... " " 1 25

The dealer will please adjust the prices from the above list to the combinations desired.

Water backs all sizes, $3.00 list. Double heating attachments, $1.00 list.

COLUMBIAN PLATO, 1896.

With No. 3 Shelf.



The Plato has been acknowledged to be the Standard Cooking Range. *The Columbian Plato* is still more desirable because of improved ornamentation and the Prismatic or Triplex Grate. The design is attractive, and the material used in its construction is of the very best. We guarantee it to give perfect satisfaction.

It may be obtained in four sizes, viz.:

	Oven Size.	*Plain.*	*With Skirt.*
No. 17, with six 7-inch Holes	17½ x 20 x 12½	$21 75	$22 75
" 88, " " 8 " "	17½ x 20 x 12½	22 75	23 75
" 18, " " 8 " "	20 x 22 x 13½	25 00	26 25
" 99, " " 9 " "	20 x 22 x 13½	26 00	27 25

For Tea Shelf, add $1.00 to above price.
For No. 3 Shelf, add $2.50 to above price.
For Cosy Closet, add $8.50 to above price.

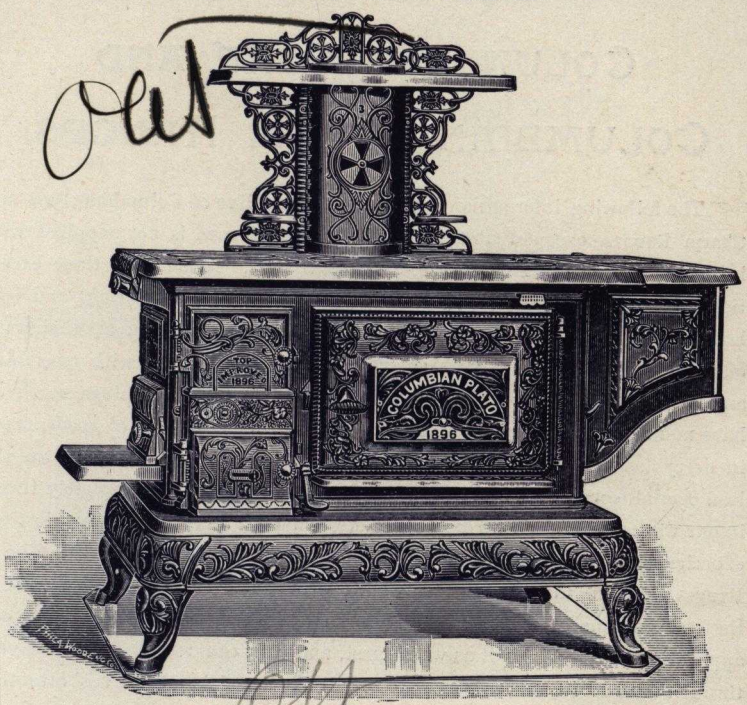
For Columbian Star Shelf, with Plate Holders and Towel Rods, add.....$3 75
" " " " " " " add..... 3 50
" " " " less " " " 3 00
Water backs, all sizes,.....list, 3 00

The dealer will please adjust the price from the above lists to the combination desired Castings for Double Heating attachments, $1.00 list.

Nos. 17 and 18 Columbian Plato, adapted for wood, 22 in. long.
" 18 " 99 " " " " " 24 " "

COLUMBIAN PLATO. 1896.

With No. 3 Shelf and Reservoir.



	Plain, with Reservoir.	*With Res. and Skirting.*
No. 17	$28 25	$29 25
" 88	29 25	30 25
" 18	32 50	33 75
" 99	33 50	34 75

For Tea Shelf, add $1.00 to above price-list.

For No. 3 Shelf, add $2.50 to above price-list.

No. 3 Shelf with Cup Plates, $2.75.

For Cosy Closet, add $8.50 to above price-list.

" Columbian Star Shelf, with Plate Holders and Towel Rods, add...$3 75

" " " " " " " add..... 3 50

" " " " less " " " 3 00

The dealer will please adjust the price from the lists above to the combinations desired.

Water Backs, all sizes, $3.00 list.

Castings for Double Heater attachment for this Range, $1.00.

Mention name of Grate, date of Patent and full name of Stoves when ordering repairs.

COLUMBIAN STAR AND COLUMBIAN CHARM RANGES.

The following information is common to our line of Columbian Star and Charm Ranges, except that the 7-14 Columbian Charm is not supplied with low closet and is made with right-hand oven only. Aside from these exceptions, the Columbian Star and Columbian Charm are made with right and left-hand ovens. In offering these two lines of Ranges complete in all their various styles (that is, square with shelves, high and low closets, with reservoirs, and high and low closets, wood fixtures, cast and iron stone linings, etc.), we have no misgivings in saying that we offer a very superior line of goods, made in every desirable style, giving the dealer who handles and pushes them the lead over all competitors. These goods have been fully and completely tested in our works, and when we say they bake and roast perfectly we say it from experience. We use the ordinary Flat and the Triplex Grates in this line of Ranges. During the past four years our efforts have been to give the purchaser the best grate made, and we can safely say that for the "Triplex." Notice our application of it. Work it as we suggest, and you can run the fire the year through without trouble. We desire to call our friends' and patrons' attention to the fact that we warrant every Range to work first-class under these conditions:

First.—When the pipe is not reduced below the size of the pipe collar.

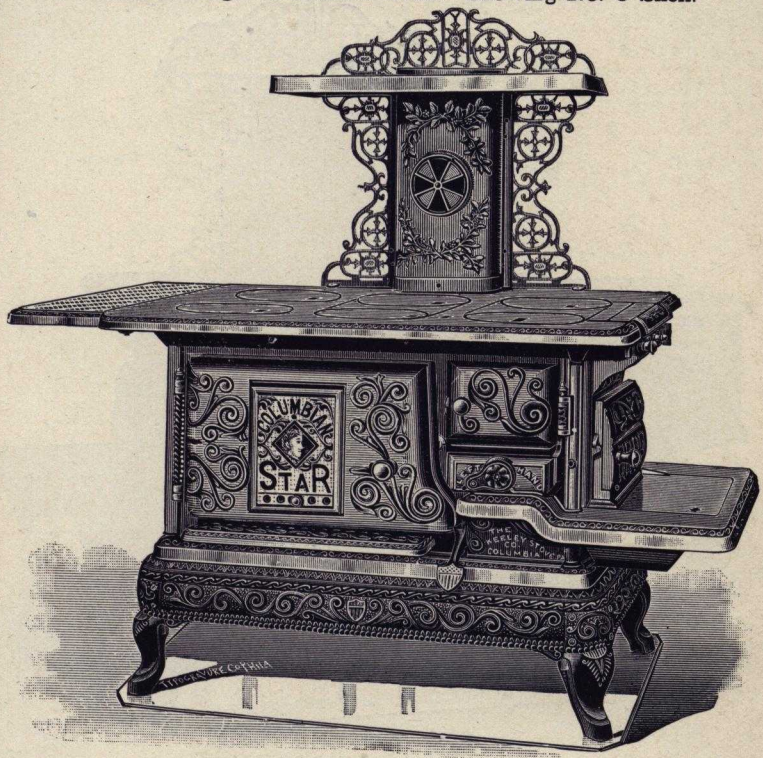
Second.—When the chimney is good and all openings in it closed except where the Range is attached, and that must be filled with the pipe, or the opening (if any) around the pipe should be closed with pipe collar.

The dispatch with which people expect their orders filled requires care on the part of the one who orders the goods; hence, we say, study your catalogue, so that you may give us, in ordering, the right name and number.

Dates of patents, names of grates, right or left hand range, single or double heating stove, are essential points to keep in mind.

COLUMBIAN STAR.

Six-hole Range. Left-hand Oven. Showing No. 3 Shelf.



Made with Right and Left-hand Ovens.

	Oven Size.	*Less Res. and No. 3 Shelf.*	*With Res. Less No. 3 Shelf.*
No. 7–18	19 x 18 x 11½	$20 50	$27 00
" 8–18	19 x 18 x 11½	21 00	27 50
" 8–20	21 x 20 x 12	24 00	31 00
" 9–20	21 x 20 x 12	24 50	31 50

Water Backs all sizes, $3.00 list price.

Made with Plain or Triplex grate. A very complete set of wood fixtures furnished if desired.

Tea Shelf, add.....$1 00 to above price list.
No. 3 Shelf, add ..... 2 50 " " " "
Cosy Closet, add ..... 3 50 " " " "
Columbian Star Shelf, less Plate Holders and Towel Rods, add 3 00 " " " "
" " " " " with " " add..... 3 50 " " " "
" " " " " " " and Towel Rods, add 3 75 " " " "

This stove is a perfect baker, is economical in fuel, and made for wood or coal. Either ironstone or cast linings furnished; although the former are sent as a rule. In every case state clearly, when ordering, style of grate desired, kind of linings you wish, whether you want a right or a left-hand stove, etc.

For nickel Feet and Skirt, add $1.50 to list. Every Range WARRANTED.

COLUMBIAN STAR.

Showing Reservoir and No. 3 Shelf. Left-hand Oven.

Made with Right and Left-hand Ovens.

	Oven Size.	*Less Res. and No. 3 Shelf.*	*With Res. less No. 3 Shelf.*
No. 7–18	19 x 18 x 11½	$20 50	$27 00
" 8–18	19 x 18 x 11½	21 00	27 50
" 8–20	21 x 20 x 12	24 00	31 00
" 9–20	21 x 20 x 12	24 50	31 50

For Tea Shelf, add $1.00 to above price-list.
" No. 3 Shelf, add $2.50 to above price-list.
" Cosy Closet, add $8.50 to " "
" Star Shelf, complete, add.....$3 75 price-list.
" " " less Towel Rods, add..... 3 50 "
" " " " " " and Plate-Holders, add... 3 00 "

The low closets as shown with Newport Range on page 11 and with Charm Range on page 58 are adapted to all sizes of the Columbian Star, either right or left hand, at the following list-prices :

Nos. 7–18 and 8–18.....$3 50
" 8–20 " 9–20..... 4 00

Kindly state in order just what kind of shelf or closet is desired so we may clearly understand your wants.

COLUMBIAN STAR.

Showing Star Shelf. Right-hand Oven.

Made with Right and Left-hand Ovens.

	Size.	*Price List, less Star Shelf.*	*Price List, with Res. less S ar Shelf.*
No. 7–18	19 x 18 x 11½	$20 50	$27 00
" 8–18	19 x 18 x 11½	21 00	27 50
" 8–20	21 x 20 x 12	24 00	31 00
" 9–20	21 x 20 x 12	24 50	31 50

For Tea Shelf, add.....$1 00 to above price-list.
" No. 3 Shelf, add..... 2 50 " "
" Cosy Closet, add..... 8 50 " "
" Columbian Star Shelf, add..... 3 00 " "
" " " and Plate Holder, add 3 50 " "
" " " " " " and Towel Rods, add..... 3 75 " "

COLUMBIAN STAR.

Showing Reservoir and Tea Shelf.

Made with Right and Left-hand Ovens.

	Oven Size.	*Price List, less Res., and Tea Shelf.*	*Price List with Res. less Tea Shelf*
No. 7–18	19 x 18 x 11½	$20 50	$27 00
" 8–18	19 x 18 x 11½	21 00	27 50
" 8–20	21 x 20 x 12	24 00	31 00
" 9–20	21 x 20 x 12	24 50	31 50

For Tea Shelf, add	$1 00	to above price list.
" No. 3 High Shelf, add	2 50	" " "
" Cosy High Closet, add	8 50	" "
" Star High Shelf, add	3 00	" " "
" " " " with Plate Holders, add	3 50	"
" " " " " " " and Towel Rods, add	3 75	" " "

Columbian Star and Charm.

oOo

The Columbian Star and Charm ranges were first made in 1892, as illustrated in 1893 catalogue on pages 26,27, and 28. This range was first made with carved edge top. It had a three bar triplex grate with light shank, this was afterwards changed and made heavier, to use Daisy shaker, and shaker door marked "Grate improved 1893." This grate was again changed to the two bar triplex grate and shaker door marked "Grate improved 1895." In 1896 the entire top was changed to a wide edge, new oven door, new oven door panel, and new feet and skirting and new broiler door. This was indicated by printing on the broiler door "Top improved 1896," as illustrated in 1898 catalogue, pages 32 and 33.

COLUMBIAN CHARM.

Six-hole Range. Right-hand Oven.

ade with Right or Left-hand Oven, except 7-14, which is Right-hand. With Plain or Triplex Grate.

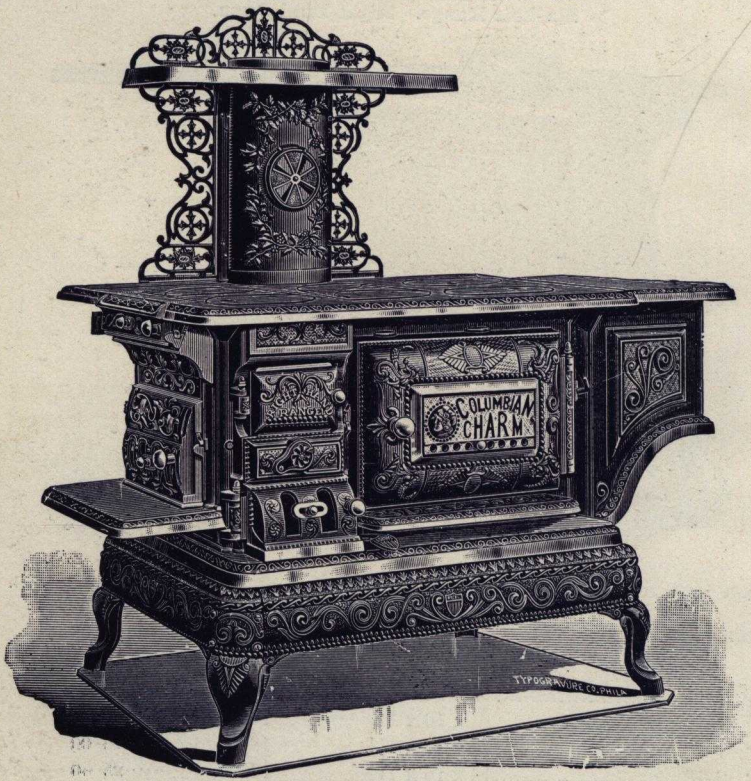
	Size of Oven.	*Price List, as shown above.*	*Price List, with Reservoir.*
o. 7-14	14 x 14 x 10	$14 00	
" 7-16	16 x 16 x 11	16 00	$22 00
" 7-18	18 x 18 x 11½	18 50	25 00
" 8-18	18 x 18 x 11½	19 00	25 50
" 8-20	20 x 20 x 12	22 00	29 00
" 9-20	20 x 20 x 12	22 50	29 50

Cosy High Closet can be used on Nos. 7-18, 8-18, 8-20 and 9-20.
Cast and Clay linings furnished, as desired.
7-14, 7-16, Feet and Skirting nickeled at $1.25, list-price.
7-18, 8-18, 8-20 and 9-20, Feet and Skirt nickeled at $1.50 added to list price.
For Tea Shelf, add $1.00 to above list.
Tea Shelfs fits 7-18, 8-18, 8-20 and 9-20 sizes.

No. 1, No. 2 and No. 3 Shelf, add ..... $2 50 to above list.
Cosy Closet, add ..... 8 50 " "
mbian Star Shelf $3 00
" " " and Plate Holders 3 50
" " " " " " and Towel Rods 3 75

COLUMBIAN CHARM.

Showing No. 3 Shelf and Reservoir.



Made with Right and Left-hand Oven.

7-41 has Right-hand Oven Only.	*Oven Size.*	*Price List less High Shelf.*	*Price List with Reservoir less High Shelf.*
No. 7-14	14 x 14 x 10	$14 00	
" 7-16	16 x 16 x 11	16 00	$22 00
" 7-18	18 x 18 x 11½	18 50	25 00
" 8-18	18 x 18 x 11½	19 00	25 50
" 8-20	20 x 20 x 12	22 00	29 00
" 9-20	20 x 20 x 12	22 50	29 50

For High Closets and Shelves, add to the above lists the shelf and closet prices given on page 55.

Star Shelf and Tea Shelf, can be used on the following sizes: Nos. 7-18, 8-18, 8-20 and 9-20.

The Low Closet on the Columbian Newport, as shown on page 11, is suitable for and fitted to the following sizes of the Columbian Charm Range, either Right or Left-hand, at the following list prices:

No. 7-16	$3 00
" 7-18 and 8-18	3 50
" 8-20 and 9-20	4 00

COLUMBIAN CHARM.

Showing Reservoir and Tea Shelf.

Made with Right or Left-hand Oven, except 7-14, which is Right-hand only. With Plain or Triplex Grate.

	Size of Oven.	*Price List, less Res. and Tea Shelf.*	*Price List, with Res. less Tea Shelf.*
No. 7–14	14 x 14 x 10	$14 00	
" 7–16	16 x 16 x 11	16 00	$22 00
" 7–18	18 x 18 x 11½	18 50	25 00
" 8–18	18 x 18 x 11½	19 00	25 50
" 8–20	20 x 20 x 12	22 00	29 00
" 9–20	20 x 20 x 12	22 50	29 50

Add $2.50 to list for Nos. 1, 2 or 3 Pipe Shelves, less cup plates.
Cosy High Closet can be used on Nos. 7-18, 8-18, 8-20, and 9-20.
Cast and clay linings furnished as desired.
7–14, 7–16, Feet and Skirting nickeled at $1.25, list price.
7–18, 8–18, 8-20 and 9–20 Feet and Skirt nickeled at $1.50 added to list price. Tea Shelf will not fit 7–14 and 7–16.

Tea Shelf, add.....$1 00 to above price list
Cosy Closet, add..... 8 50 " " "
Columbian Star Shelf.....$3 00
" " " and Plate Holders..... 3 50
" " " " " " and Towel Rods..... 3 75

COLUMBIAN CHARM.

Six-hole Range. Right-hand Oven.

With Low Closet and Reservoir.

Made with and without Reservoir. Triplex or Flat Grate.

	Oven Size.	*List Price less Reservoir.*	*List Price with Reservoir.*
No. 7–16	16 x 16 x 11	$18 50	$24 50
" 7–18	18 x 18 x 11½	21 50	28 00
" 8–18	18 x 18 x 11½	22 00	28 50
" 8–20	20 x 20 x 12	25 25	32 25
" 9–20	20 x 20 x 12	25 75	32 75

High Shelves and Closets supplied by adding their respective list prices to the prices as given above.

The above Range made right or left-hand. Give full particulars when ordering. Cast or Clay linings furnished as desired.

Cosy High Closet will not fit No. 7–16 Range. No. 1 shelf fits No. 7–16, No. 2 shelf fits Nos. 7–18 and 8–18, and No. 3 shelf fits Nos. 8–20 and 9–20 Ranges.

For Tea Shelf, add $1 00 to above price list.
" No. 3 Shelf, add 2 50 " " " "
" Cosy Closet, add 8 50 " " " "
Columbian Star Shelf, ... $3 00
" " " and Plate Holders, ... 3 50
" " " " " " and Towel Rods..... 3 75

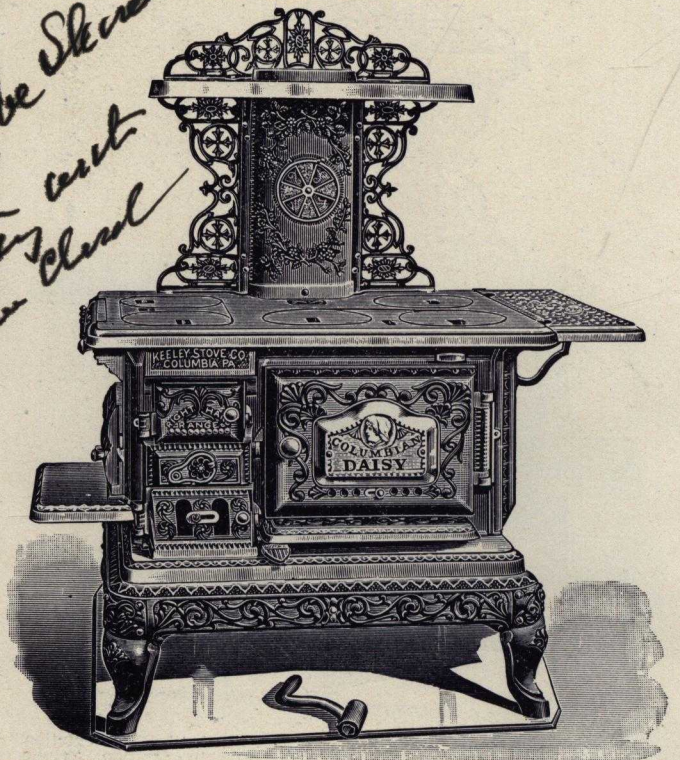
Columbian Daisy
oOo

Columbian Daisy was made in 1892, as illustrated in 1893 catalogue, pages 33, 34, and 35. This range was made with carved edge top. It has a three bar triples grate light shank, this after wards changed and made heavier to use Daisy shaker, shaker door marked "Grate improved 1895." This grate was again changed to two bar triplex grate and shaker door marked "Grate improved 1895." In 1896 the entire top was changed to a wide edge, same feet were used but made longer and no change in the skirting, broiler door was marked "Tpp improved 1896," to indicated these shanges. See pages 58 and 59 of 1898 catalogue.

COLUMBIAN DAISY.

Five-hole Range.

With Reversible Pipe Collar.



The leading Range of the times. Never known to fail. Made with Right-hand Oven only.

	Oven Size.	*Price List, less Pipe Shelf.*	*Price List, with Reservoir, less Pipe Shelf.*
No. 6-12	12 x 12 x 9½	$11 50	
" 7-12	12 x 12 x 9½	12 25	
" 7-14	14 x 14 x 10	13 25	
" 7-16	16 x 16 x 11	15 25	$20 75
" 8-16	16 x 16 x 11	15 50	21 00
" 7-18	18 x 18 x 11½	17 75	24 25
" 8-18	18 x 18 x 11½	18 00	24 50

Low Closet, such as shown on page 58, can be used with Columbian Daisy and Dandy in sizes 7-16, 8-16, 7-18 and 8-18. When so desired, add $3.00 and $3.50 to list price.

No. 1 Pipe Shelf fits 7-14, 7-16 and 8-16. No. 2 Pipe Shelf fits 8-18.

Add $2.50 to above list for Pipe Shelf. Water Backs for all sizes, $3.00 list.

Nos. 1, 2 and 3 Pipe Shelves nickeled at $1.80, list-price. Nos. 7-14, 7-16, 8-16, Feet and Skirt nickeled at $1.25 list price. No. 8-18, Feet and Skirt nickeled at $1.50, list price.

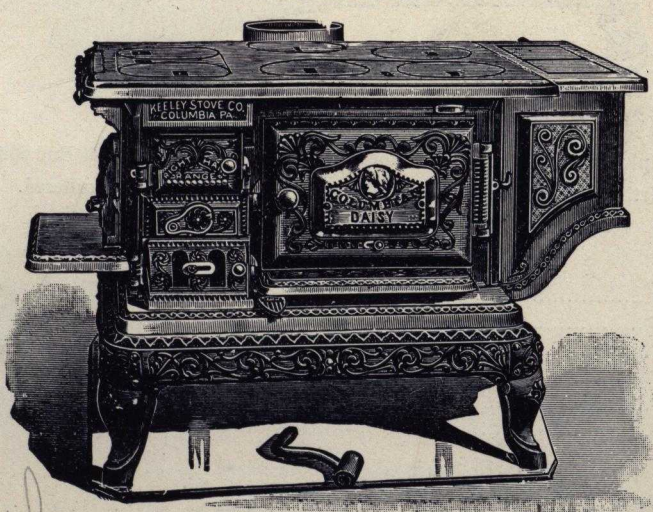
COLUMBIAN DANDY.

With Reservoir.

In Three Sizes. Prices on Page 59.

COLUMBIAN DAISY.

With Reservoir.

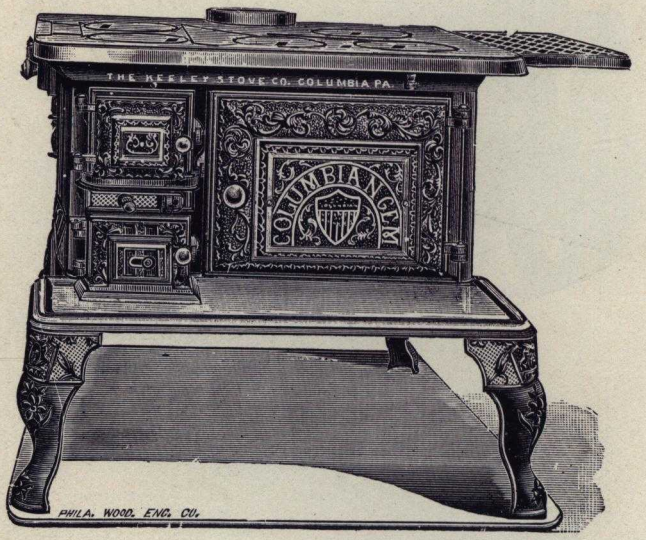


In Three Sizes. Prices on Page 60.

COLUMBIAN GEM.

Five-hole Range.

Six Sizes. With Flat Grate.



A plain, cheap Range. It is made with Front, Right and Left End Skirted. No Skirting Back. Skirting charged extra, and sent only when ordered.

		Oven Size.	
No. 66	$9\frac{1}{2}$ x $12\frac{1}{4}$ x $13\frac{1}{2}$		$10 75
" 16	10 x 14 x $15\frac{1}{4}$		11 75
" 77	10 x 14 x $15\frac{1}{4}$		12 25
" 17	$10\frac{1}{4}$ x 16 x 17		14 75
" 88	$10\frac{1}{4}$ x 16 x 17		15 00
" 18	11 x $18\frac{1}{4}$ x 19		17 75

Water Backs for all sizes except No. 66.

VIM RANGE.

Five-hole Range.

Six Sizes. With Flat Grate.

A plain, cheap Range. It is made with Front, Right and Left End Skirting. No Skirting Back. Skirting charged extra, and sent only when ordered.

	Oven Size.	
No. 66	9½ x 12¼ x 13½	$10 75
" 16	10 x 14 x 15¼	11 75
" 77	10 x 14 x 15¼	12 25
" 17	10¼ x 16 x 17	14 75
" 88	10¼ x 16 x 17	15 00
" 18	11 x 18¼ x 19	17 75

Water Backs for all sizes except No. 66.

DART.

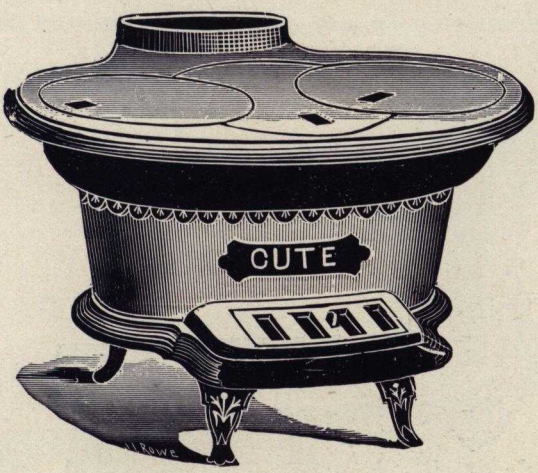
Five-hole Range. Six Sizes.

With Flat Grate.

A plain, new, cheap, Open End Range. It is made with Front, Right and Left End Skirted. No Skirting Back. Water Backs for all sizes except No. 66. If skirting is desired, mention in order.

	Oven Size.	*Price, less Skirt.*	*Price, with Skirt.*
No. 66	9½ x 12¼ x 13½	$11 25	$11 75
" 16	10 x 14 x 15¼	12 25	12 75
" 77	10 x 14 x 15¼	12 75	13 25
" 17	10¼ x 16 x 17	15 75	16 25
" 88	10¼ x 16 x 17	16 00	16 50
" 18	11 x 18¾ x 19	18 75	19 50

CUTE FURNACE.



A Cheap, convenient Two-hole Furnace.

No. 7.....$3 00 No. 8.....$3 50

PET RANGE.

TWO-HOLE		FOUR-HOLE.	
No. 16	$6 25	No. 26	$7 25
" 17	7 25	" 27	8 25
" 18	8 25	" 28	9 25

REGULATOR.

For Wood or Coal.

		Oven Size.	
No. 27,	with Ware	22 x 18 x 14	$22 00
" 28,	" "	24 x 20 x 15	26 00
" 29,	" "	26 x 22 x 16	30 00

We can furnish Roll Dampers for repairs, which can be applied without disturbing top.

For Wood, 50 cents less.

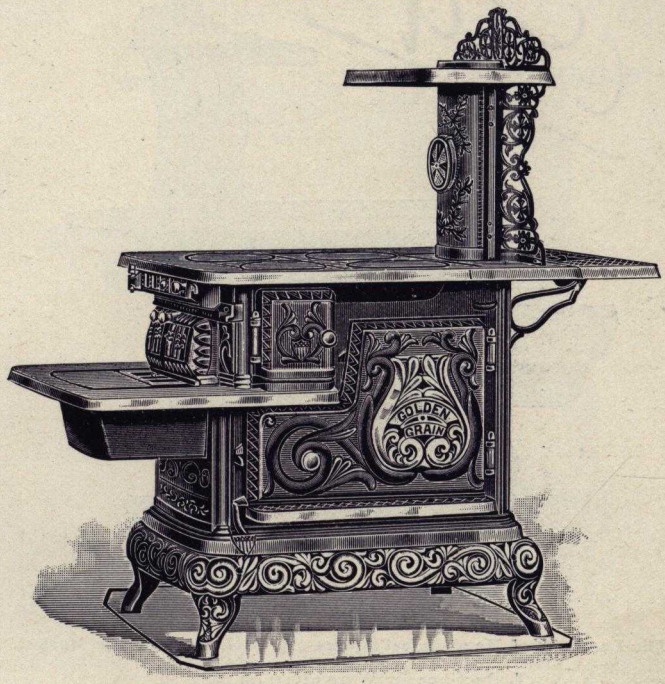
High Shelf, $2.50 extra.

Ware consists of 2 Pots, 1 Spider, 1 Long Pan.

Deductions for Ware, page 70.

GOLDEN GRAIN COOK.

The Leading Cook Stove of its class. Has been Rebuilt and Remodeled for the Season of 1896.



Very High Oven Under the Fire Box.

So that the entire floor space of the oven can be used for roasting and baking. The oven is ventilated very completely by the use of the most modern system known. The ornamentation is artistic and impressive. The nickel panels on the oven doors are very handsome and the workmanship perfect. The roll damper can be supplied without removing the top of the stove. A clean fire door for wood purposes. A large cast-iron ash pan to lift the ashes. A double protective false bottom under grate. From twenty-five to Forty Pounds Heavier than any other Cook of its class, by actual weight. Test it. Not made with a six-inch cover in top. Pipe shelves provided for each size at $2.50 list price. Skirting, 3 pieces, 75 cents, list price, addition. For nickeling feet and skirting, $1.00 list, *extra*. Pipe Shelves supplied with Cup Plate at 25c additional list price. Every Stove WARRANTED.

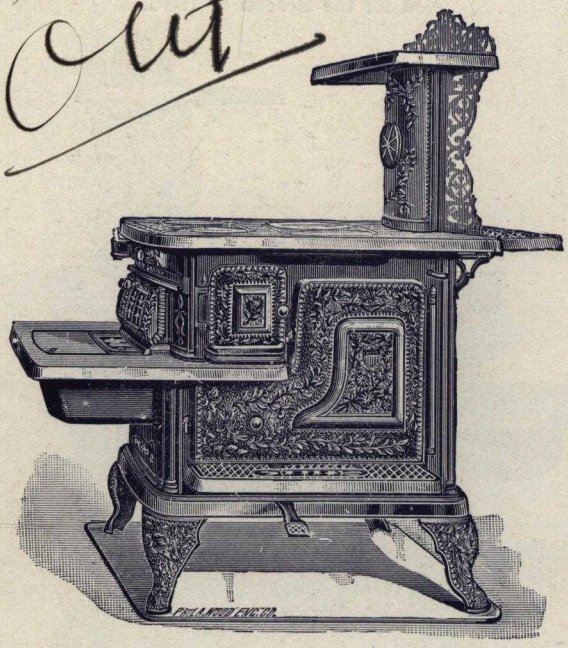
No. 1 Pipe Shelf Fits No. 70 Golden Grain.
" 2 " " " Nos. 80 and 72 Golden Grain.
" 3 " " " " 90, 82 and 92 Golden Grain.

	Oven Size.	*List Price with Hollow-ware.*	*Length of Wood.*	*Size of Top, less Table.*
No. 70	20 x 19 x 13 x 7¾	$19 00	22	25 x 30
" 80	22 x 20 x 14½ x 8	23 50	24	26½ x 32
" 72	22 x 20 x 14 x 8	22 00	24	26½ x 32
" 90	24 x 21½ x 15 x 8½	27 75	27	29 x 34
" 82	24 x 21½ x 15 x 8½	26 00	27	29 x 34
" 92	26 x 22 x 16 x 8½	30 00	29	31½ x 36

50 cents off list price when shipped, less Coal Grate and Brick, with Wood Grate.
Deductions for Hollow-ware, Page 70.

GOLDEN GRAIN.

For Wood or Coal.



The Largest and Handsomest Square-top Cook Stove on the Market.

Deductions for Ware given on page 70.

Roll Dampers to repair Stoves can be applied without disturbing top.

	Oven Size.	
No. 126	18 x 15 x 12	$15 50
" 127	20 x 16½ x 13	19 00
" 128	22 x 18 x 14	23 50
" 129	24 x 20 x 15	27 75
" 27	22 x 18 x 14	22 00
" 28	24 x 20 x 15	26 00
" 29	26 x 22 x 16	30 00

For Wood, 50 cents less. High Pipe Shelf, Nos. 1, 2 and 3, $2.50 extra.

Ware consists of 2 Pots, 1 Spider, 1 Long Pan.

Columbia Star Shelf fits Nos. 28, 29 and 129 ..... list, $3 00
" " " with Plate Holders ..... " 3 50
" " " " " " and Towl Rods ..... " 3 75

COLUMBIAN DORA.

For Wood or Coal.

This Stove is highly ornamented ; is rich in design ; fully warranted, and is a perfect baker. It is made in six sizes.

Roll Damper, to repair Stoves, can be supplied without disturbing top.

	Oven Size.		
No. 6–16	16 x 16 x 11	with Ware,	$12 00
" 7–16	16 x 16 x 11	"	12 50
" 7–18	18½ x 18½ x 12	"	16 00
" 8–18	18½ x 18½ x 12	"	16 50
" 8–20	20 x 20 x 13	"	18 50
" 9–22	22½ x 22½ x 14	"	21 50

For Wood, ... 50 cents less.

Deductions for Ware, page 70.

COLUMBIAN ALLIANCE.

Cheap Wood Stove in Two Sizes.

No. 6-15, with Ware.....$9 75
" 7-15, " " 10 25

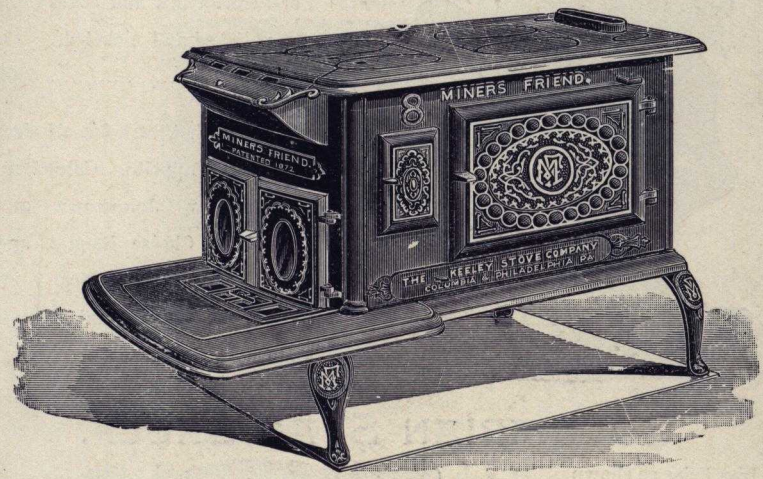
DEDUCTIONS FOR WARE.

No. 5½, two Pots, one Spider, one Long Pan.....$ 85
" 6 " " " 1 00
" 7 " " " 1 25
" 8 " " " 1 50
" 9 " " " 1 75

The above deductions apply to list price on all our Cooks, but not Ranges.

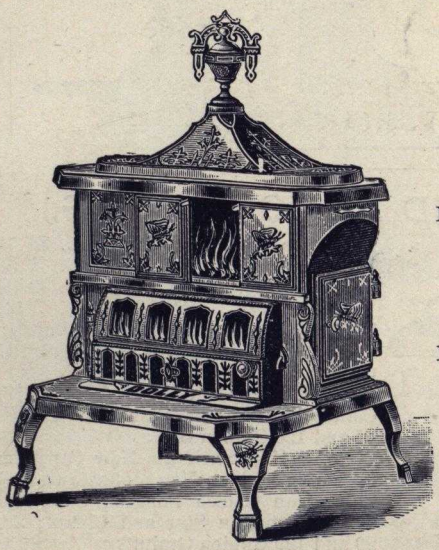
MINER'S FRIEND.

For Coal. One Size.



No. 8, with Ware.....$20 50

Deductions for Ware, page 70.

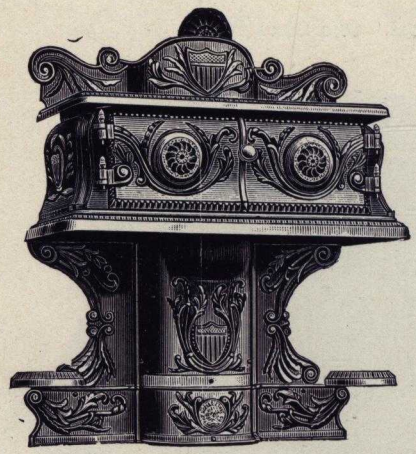


DOLLY.

No. 6, for Wood	.....	$5 00
" 7, "	.....	5 75
" 8, "	.....	6 75

No. 6, for Coal	.....	$5 50
" 7, "	.....	6 25
" 8, "	.....	7 25

COSY HIGH CLOSET.



List Price.....$8 50

For Scroll Work and edges polished and nickeled, list price. 5 00

Cosy High Closet fits all sizes of New Cappello, Columbian Plato, New Johnstown and Columbian Choice Ranges, and can be used on the Nos. 7–18, 8–18, 8–20, 9–20 Columbian Star and Charm Ranges.

COLUMBIAN STAR SHELF.

List Price as shown in cut. $3 75
Less Towel Rods ... 3 50
Less Plate Holders and Towel Rods 3 00
For nickeling Columbian Star Shelf, add to list 2 25

The Columbian Star Shelf can be used on the same Ranges as the Cosy High Closet.

NOS. 1, 2 AND 3 HIGH SHELF.

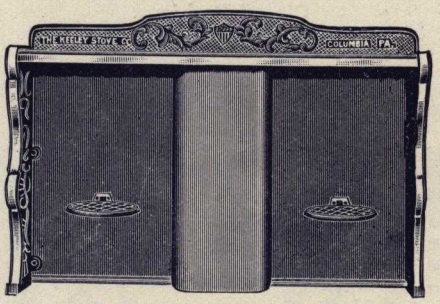
List Price, with Cup Plates. $2 75
List Price, less Cup Plates 2 50
For nickeling, add to list..... 1 80

No. 1 High Shelf Fits Nos. 7–14, 7–16, 8–16 Columbian Daisy and Dandy; 7–16 Columbian Charm; 126 and 127 Golden Grain.

No. 2 High Shelf fits 7–18; 8–18, Columbian Charm, Star and Daisy; 27 and 128 Golden Grain.

No. 3 High Shelf fits New Cappello, Columbian Plato, New Johnstown and Columbian Choice Ranges; 8–20 and 9–20 Columbian Star and Charm; 28, 29 and 129 Golden Grain.

COLUMBIAN IDEAL SHELF.



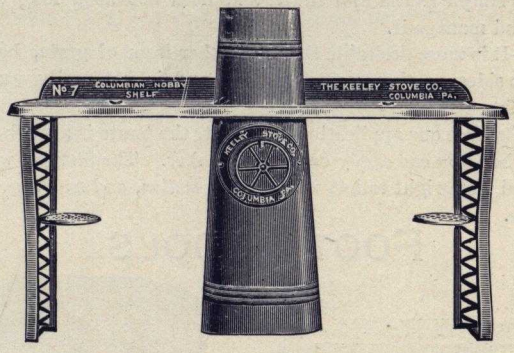
Made in Three Sizes.	*List Price.*
No. 7	$3 25
" 8	3 50
" 9	3 75

No. 7 will fit Nos. 7-16 Columbian Charm, 7-16, 8-16 Dandy, Daisy and Echo Ranges.

No. 8 will fit Nos. 7-18, 8-18 Columbian Charm, Dandy, Daisy and Echo Ranges.

No. 9 will fit Nos. 8-20, 9-20 Columbian Charm, Echo, Choice and New Cappello Ranges, and Nos. 8-22, 9-22 Columbian Choice and New Cappello Ranges.

NOBBY SHELF.



Made in Four Sizes.	*List Price.*
Nos. 6 and 7 Columbian Nobby Shelf	$2 00
No. 8 " " "	2 25
" 9 " " "	2 50
Pipe Damper and Nickel Cup Plates, add	50
Columbian Nobby Shelf, Full Nickel, add	1 80

No. 6 will fit No. 7-16 Columbian Charm, 7-16, 8-16 Daisy and Dandy Ranges.

No. 7 will fit No. 7-18, 8-18 Columbian Charm, Newport, Portable, New Cappello, Choice, Daisy and Dandy Ranges.

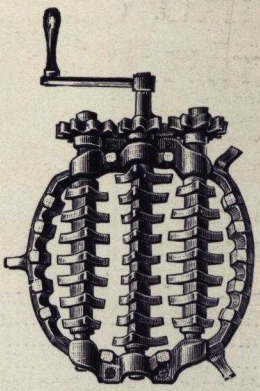
No. 8 will fit No. 8-20, 9-20 Columbian Charm, Choice and New Cappello Ranges.

No. 9 will fit No. 8-22, 9-22 Columbian Choice and New Cappello Ranges.

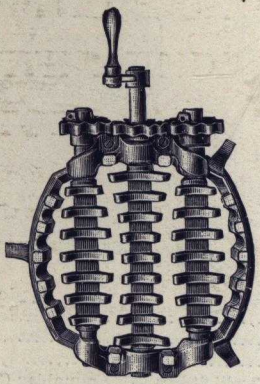
More page with list of Stoves each shelf will fit.

TRIPLEX GRATES.

The Following Cuts Show the Best Grate Ever Made. Open and Closed Positions.



OPEN.



CLOSED.

As used in Columbian Art, Columbian Aid and Columbian Joy Heaters.

Some Reasons Why the Triplex Grate is the Best as Used in our Ranges, Furnaces and Heating Stoves.

First.—Because it has all the advantages of the Duplex, Dockash and Flat Grates. It is simple as the Flat Grate, and does not need long experience to understand and manage it.

Second.—It is more desirable than any other form of grate, because it has three separate sides, or three grates in one, and is not easily warped by the action of the fire.

Third.—Because our application is perfect, the Grate is always adjusted and in position, when you can apply or remove shaker. The Shaker, when applied, must be moved from right to left with a *quick motion, and no oftener than needed to clean the fire.*

FOOT STOOLS.

Castings	net,	$0 65	
" and Board	"	75	
One Upholstered Stool			" 2 25
Castings, Nickeled	net,	$0 85	
" Nickeled and Board	"	95	

COLUMBIAN ART CIRCULATOR AND HEATER.

In offering our leading first-class Base-burner and Heater to the trade, we offer a Heater rich in design, nickeled in the most artistic manner, and possessing every desirable feature of symmetry and beauty. ***The Columbian Art*** is made in four styles of finish and grades of price, which will enable the dealer to select and classify a grade of dress and price, so as to enable the poor man to buy a first-class article at a low price, while others possessing the most fastidious ideas of nicety can find an article clothed in the richest dress and insured to be an article of great utility. In every case and class you will find the Heater made from first-class material, molded by the very best workmen, well mounted and neatly finished.

Every stove is a Double Heater, enabling the buyer to have the greatest amount of service with the least possible expense.

The system of circulating is complete, viz: the cold air is drawn off the floor, carried through the stove and thrown off through the heat pipe collar. This, with the immense amount of radiating surface, makes the entire series a powerful and effectual line of Heaters.

We have no misgivings in saying that we give our patrons more for the money expended than any other makers who offer a like commodity.

We have applied the Centre Draw and Triplex Grate to this Heater, so that the dealer can apply either one or the other to suit the case in question. Triplex Grate illustrated on page 74.

GIVE IT A TRIAL.

How to Operate the Columbian Art Heater and Circulator.

The stove should be capable of heating the space required without being fired to its utmost capacity, as fuel is most economically used when the stove is doing its work with ease.

Before kindling your fire, see that your chimney is clean, the draft good and all openings closed, except where the pipe enters the chimney. If the pipe should not fill the opening in the chimney, close the same with a neat-fitting pipe collar. Nos. 24 and 25 should have a six-inch pipe.

Start the fire by opening both the direct draft damper and the draft slide in the ash-pit door. See that the dust damper is closed (pushed in). If your chimney is good, the fire will kindle nicely under these conditions.

To increase the draft by opening the ash-pit door may throw the smoke into the room and smoke the mica, or tarnish the nickel. This can be avoided by procuring charcoal with which to start the fire.

When your fire is kindled or coal ignited, close the direct damper, and the stove will get hot from bottom to top.

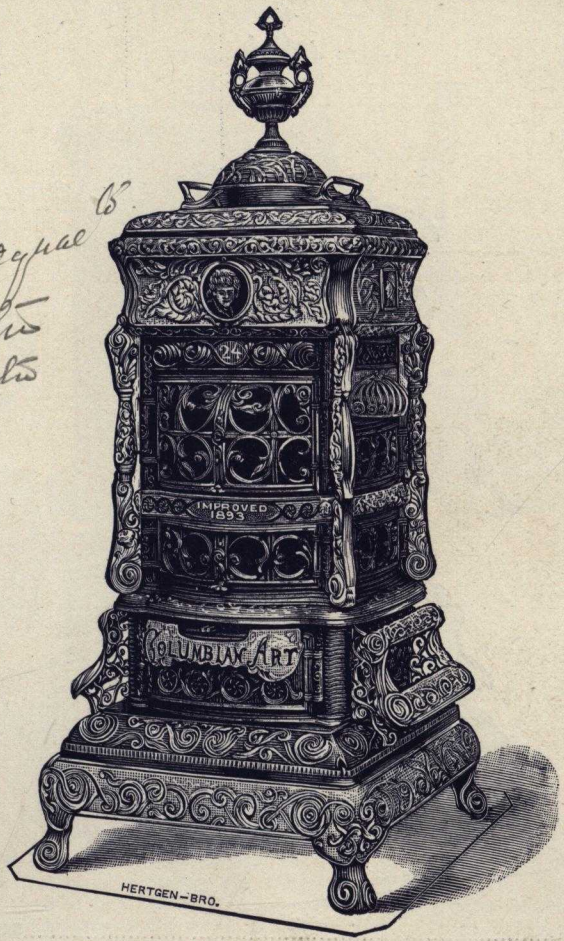
Charge the magazine regularly. *Do not let it get empty.*

To check the fire, first close the slide in ash-pit door and pull out the dust-damper handle. If your chimney has a strong draft it would be well to have a damper in the smoke pipe, as none of the mica doors should be opened during the operation of the Heater. If your chimney does not have a sharp, quick draft do not damper the pipe, as the use of the damper depends upon the draft of the chimney. This Heater is gas-tight, and so warranted, and must be operated as directed. Local circumstances enter very largely into the operation of a stove, hence a set rule will not answer for every stove sold. The person operating must study conditions and apply rules.

In Every Stove we Mount, this Circular is Found. The Dealer will Pass it over to the Consumer for Study.

COLUMBIAN ART CIRCULATOR AND HEATER.

Full Nickel. Made with Centre Draw or Triplex Grate.

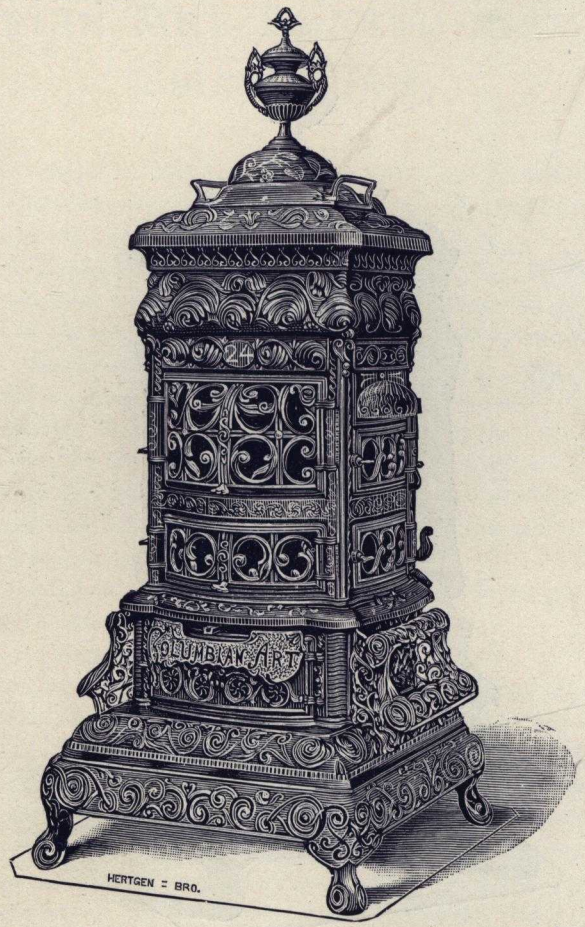


	Half Nickel, less Nickel Canopy Top.	*Half Nickeled with Nickeled Canopy Top.*	*Nickel Finished.*	*Plain. None of the Parts Nickeled.*
No. 24.....	$35 50	$37 00	$41 00	$33 00
" 25.....	41 50	43 00	47 00	39 00

Mention the Grate desired in ordering new goods or repairs. We ship the Columbian Art with Triplex Grate, unless the order reads very clearly to the contrary.

COLUMBIAN ART REVERTIBLE FLUE HEATER.

Plain Finish. None of the Parts Nickeled.



No. 24.....$33 00
" 25..... 39 00

Cut of Triplex Grate illustrated on page 74.

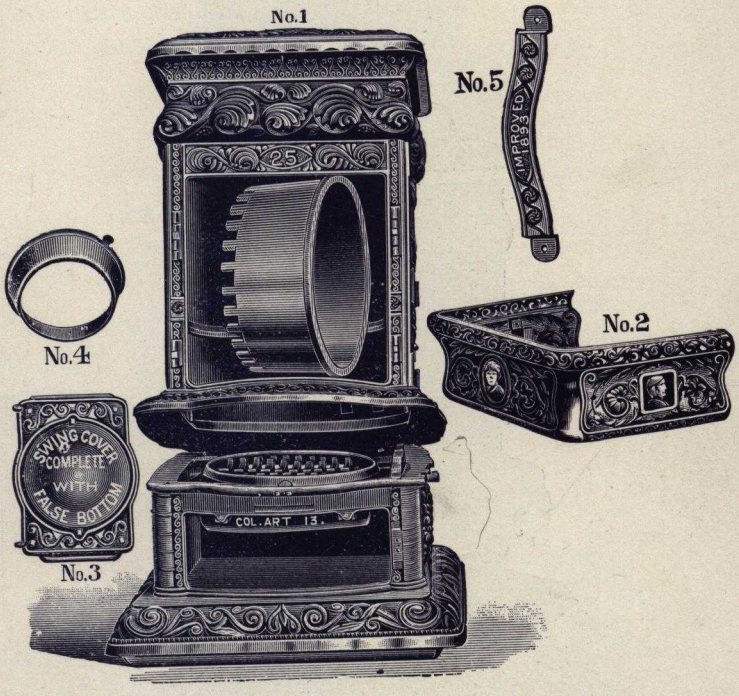
This is a departure from the modern way of dressing stoves, but we give the purchaser the advantage of buying an article of equal utility at a very low price.

See description on page 76.

Mention the grate desired in ordering new goods or repairs. We ship the Columbian Art with Triplex Grate, unless otherwise ordered.

SKELETON VIEW OF THE COLUMBIAN ART HEATER AND CIRCULATOR.

Made in Two Sizes.



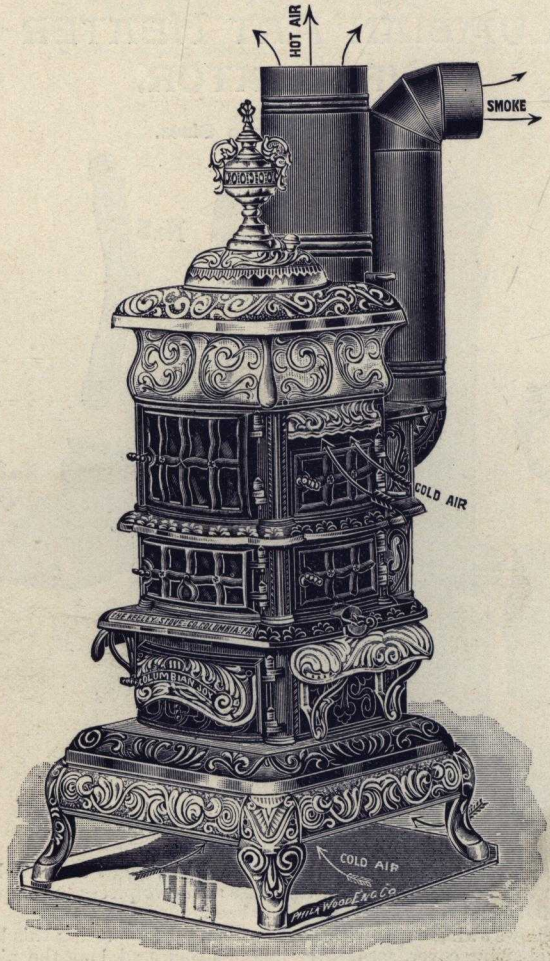
No. 2 represents nickel Tile-band, with front, right and left-hand parts. In addition to what is shown here, there are still two pieces to complete it, viz: Right and left-hand return corners on the back.

No. 3 shows swing cover with false bottom. In mounting this bolt the urn fast to nickel swing cover, set it over false bottom, and bolt the nickel swing cover, false bottom and swing cover handle together, by running bolts through the four corners of the nickel swing cover.

No. 4 represents the bottom magazine Ring. This is the only part of the magazine that is likely to be destroyed by use, and can be placed in position very easily when burned out. When your cylinder is burned out, remove the bottom magazine, take off the bar No. 5, marked "Improved 1893," which is in position in front, between upper and lower mica doors; turn the cylinder in position shown in cut, remove the old one and put in the new. To divide the weight when handling the Columbian Art Heater, part it as shown in cut (at base top). This gives you all the freedom and convenience needed to repair grates, etc.

COLUMBIAN JOY.

Made in Five Sizes. Nos. 111, 112, 113, 115 and 116.



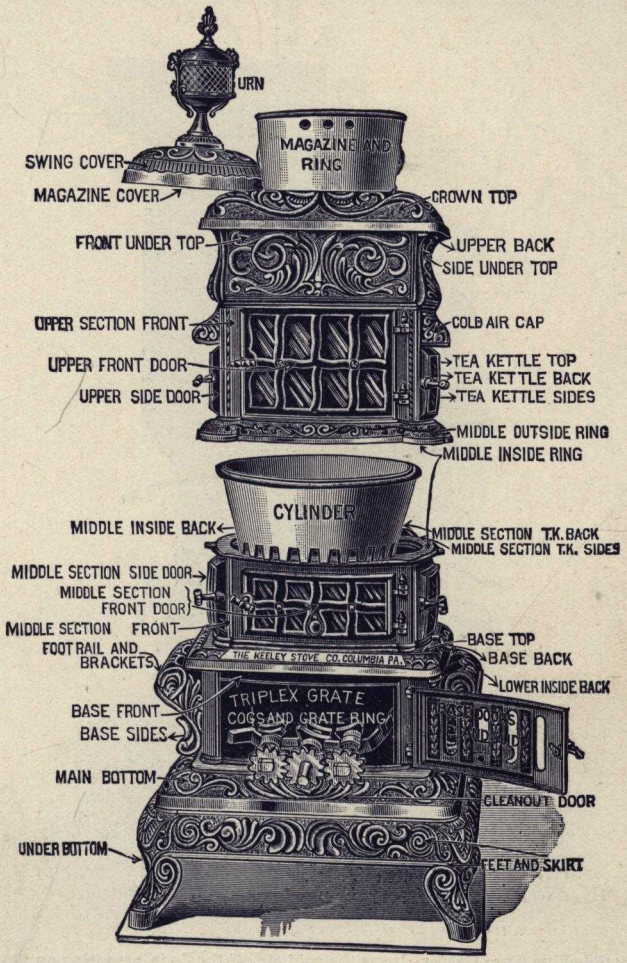
Revertible Flue, Base Heater, draws the cold air off the floor and operates on the circulating system. Made with Centre Draw and Triplex Grate. The style of grate desired should be clearly named in your order for new goods or repairs. Triplex Grates go as a rule.

Five sizes of Fire Pots, 11, 12, 13, 14½ and 16 inches respectively.

	List Price.	*With Nickel Canopy Top.*
No. 111,	$21 00	$22 25
" 112,	24 50	25 75
" 113,	28 00	29 50
" 115,	33 00	34 60
" 116,	41 50	43 25

On this stove the Swing Cover, Under Tops, Cold-Air Hoods, Name Plates, Foot Rails, Feet and Skirting are Nickeled. For description of grate see page 74.

COLUMBIAN JOY HEATER.

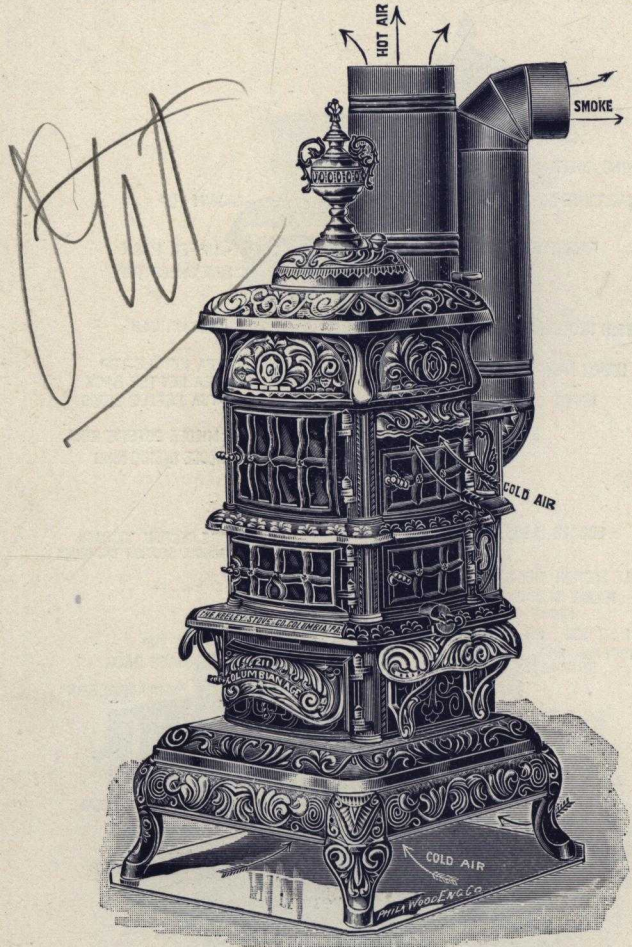


Sectional View.

The above cut illustrates a sectional view of the COLUMBIAN JOY. If the dealer, when ordering repairs, will use these names and refer to this page, it will be helpful to us in understanding his order and making it clear. To put in a new cylinder, the stove may be parted in the centre by taking out four bolts. The magazine lifts out at the top without removing or disturbing a bolt. The grate can be removed and placed in position through the ash door. The farmer, laborer, or any person with screw driver, wrench and hammer, can very quickly and easily repair this heater. These points are of very great importance to the dealer and economical to the purchaser.

COLUMBIAN AGE.

Made in Five Sizes, Nos. 211, 212, 213, 215 and 216.



Revertible Flue, Base Heater, draws the cold air off the floor, operating on the circulating system. Made with Centre Draw and Triplex Grate. The style of grate desired should be clearly named in your order for new goods or repairs. Triplex Grates go as a rule.

Five sizes of Fire Pots, 11, 12, 13, 14½ and 16 inches respectively.

	List Price.	*With Nickel Canopy Top.*
No. 211	$21 00	$22 25
" 212	24 50	25 75
" 213	28 00	29 50
" 215	33 00	34 60
" 216	41 50	43 25

On this stove, Swing Cover, Under Tops, Name Plates, Foot Rails, Feet and Skirting are Nickeled. For description of grate see page 74.

COLUMBIAN IVY.

Made in Five Sizes, Nos. 111, 112, 113, 115 and 116.

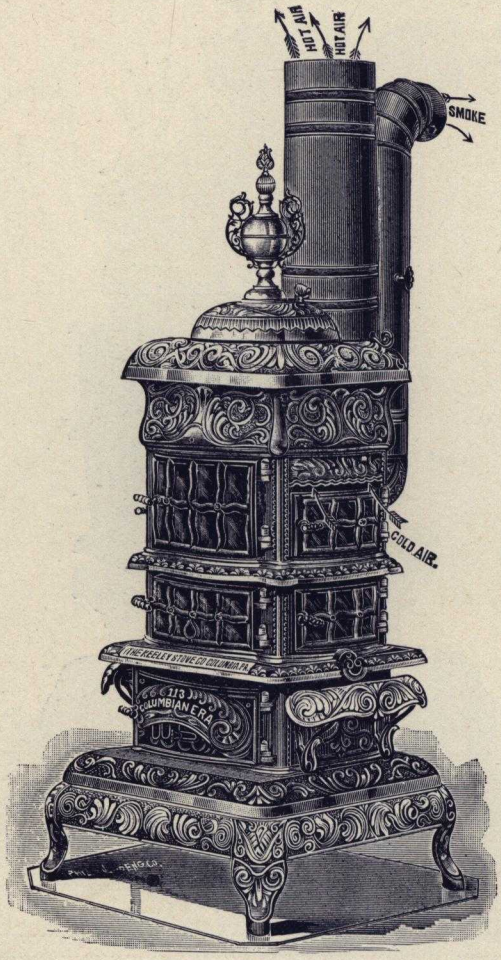
No. 111	$18 75
" 112	22 00
" 113	25 25
" 115	30 00
" 116	38 00

The Columbian Ivy is a Revertible Flue Double Heater, made very plain without any nickel except the Urn. In this Heater the Triplex and Centre Draw Grates can be used. The Triplex is used as a rule.

For description of Grate see page 74.

COLUMBIAN ERA.

A Straight-draft Double Heater.



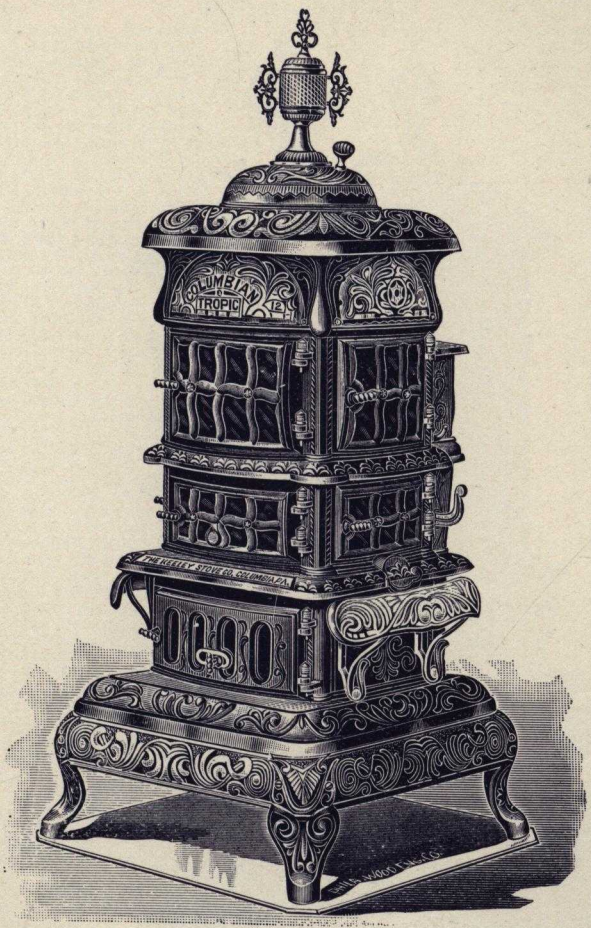
Made in Three Sizes.

Sizes of Fire Pots 11 in., 12 in., 13 in.

	No. 111.	*No. 112.*	*No. 113.*
List Price, less Canopy Top,	$18 00	$21 50	$25 00
" " with " "	19 25	22 75	26 50

Made with triplex or centre draw grate. Triplex sent unless otherwise ordered. A very handsome and cheap heater. Nicely nickeled. When canopy top is desired your order should so state. Not as powerful as a revertible flue heater, but surpassed by none in the class of straight drafts. For description of Grate see page 74.

COLUMBIAN TROPIC.



A Full Revertible Flue, Single Heating Stove, with Tea Kettle Attachment. Made With Centre Draw and Triplex Grate.

	No. 11.	*No. 12.*	*No. 13.*	*No. 14.*	*No. 15.*
Price List, less Canopy Top.....	$18 00	$21 00	$24 00	$27 50	$31 00
Price List, with Canopy Top.....	19 00	22 15	25 25	28 85	32 50

The Triplex Grate, as we apply it with our patent stop and combined skaker, is the very best grate known in stove construction. Dust Flue attachment. A clean stove, a strong heater, because of the V-shaped bottom flue which heats the entire bottom. Nickel Trimmings, Feet, Foot Rails, Foot Rail Brackets, Name Plates, Side Panels, Nickel Canopy Top. Triplex Grate goes as a rule. In ordering stoves or repairs, if you have a preference as to grate and canopy top, please make that clear in your order. For description of grate see page 74.

COLUMBIAN SYLPH.

A direct draft Single-Heating Stove, made in four sizes. The most modern stove made and very easy to repair, as its parts in the centre and the magazine is lifted out the top without removing bolt or screw. Triplex or centre draw grate. The triplex is arranged with our patent stop and combination shaker; simple, durable, and the very best grate made to clean your fire. Dust flue attachment complete.

Nickel Adornments—feet, skirting, foot rails, foot rail brackets, name plates, side panels, hinge pins and knobs. Nickel canopy top when so ordered at additional cost. See Price-Lists.

	No. 10.	*No. 11.*	*No. 12.*	*No. 13.*
Price-List, less Canopy,.....	$14 00	$16 00	$18 50	$21 50
" " with " Top.....	15 00	17 00	19 65	22 75

For description of grate see page 74.

COLUMBIAN PRIDE.

Air-Tight. Hot-Air.

THE COLUMBIAN PRIDE is a durable and substantially made double or single heater. Supplied with a hot-air cap, as shown in cut to complete it for a single heater. Taking the cold air in at the base of the cylinder proves it to be a very efficient and powerful ***hot-air*** stove, and when used without the hot-air pipe for a room above, it cannot be surpassed as a circulating or single heater. ***The heavy cast-iron fire pot,*** supplied ***with our application*** of the ***Triplex Grate*** stop and combination shaker, surpasses all other stove construction of its class offered to the trade.

The cast cylinder and grate are so adjusted one to the other that all dead matter is easily and thoroughly freed from the cylinder without dust. Two rows of ***ironstone*** linings rest upon the top of the heavy cast-iron cylinder to complete the fire box. These are used to prolong the life of the stove, and in this case they are better than cast iron for bituminous or anthracite coal. We can supply cast linings instead of the ironstone if the dealer orders the Columbian Pride in that way. We strongly recommend the ironstone in this case.

The nickel adornments consist of Feet, Skirting, Foot Rails, Brackets, Name Plate, Crown Top and Register Ring, and for the single heater the Perforated Top and Ornament. The Perforated Top and Ornament is $1.00 price list additional. See list prices.

How to Operate Our Triplex Grates.

When cleaning your fire close the ash-pit door and slide tightly, open the damper in the pipe (if any) full, place shaker on the shank of the grate by opening the shaker-hole cap. Throw shaker backward, or to the right against the opposite nib, where it will stop; remove the shaker and apply it as in the first instance, and repeat the operation until the fire is freed from dead matter. By this process you are changing the grate surface exposed to the fire every time you agitate it, and prolong the life of the grate. When starting your fire, first apply the shaker in the regular way to see that the grate is in position for kindling your fire. In the event of starting the fire without this test, the grate may not be in position, and if so, you must clean the fire box to adjust the grate. This rule and hint covers the operation of our Triplex Grates in all of our Columbian Stoves, Ranges and Furnaces. Size of fire box, 9½, 11½, 13½ ins.

	No. 23.	*No. 25.*	*No. 27.*
Price list, with Hot-Air Cap and Urn.....	$18 00	$21 00	$24 00
" " less " " " " "	17 00	20 00	23 00

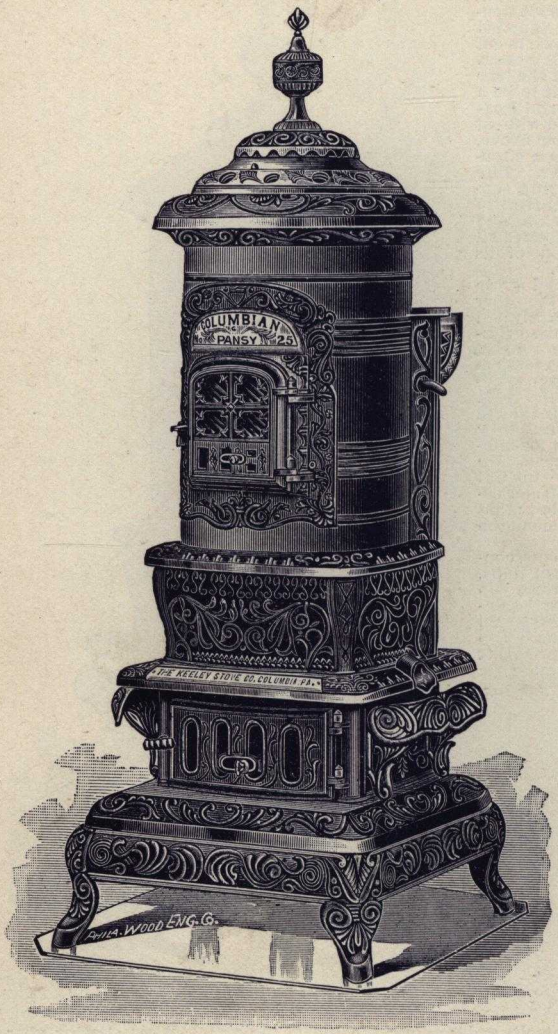
The Columbian Pride is not a self-feeder, but an air-tight hot-air stove.

Price List, Castings and Brick, Less Hot-Air Cap and Urn.

No. 23.....$13 00. No. 25,.....$15 00. No. 27,.....$17 00.

COLUMBIAN PANSY.

Hot-Air Double or Single Heater.



How to Operate Our Triplex Grates.

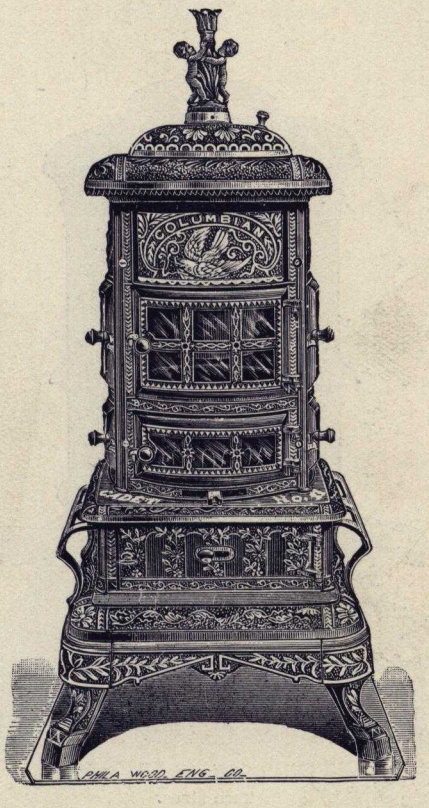
When cleaning your fire close the ash pit door and slide tightly, open the damper in the pipe (if any) full, draw out dust damper and place your shaker on the shank of the grate by opening the shaker-hole cap. Throw shaker backward, or to the right against the opposite nib, where it will stop; remove the shaker and apply it as in the first instance, and repeat the operation until the fire is freed from dead matter. By this process you are changing the grate surface exposed to the fire every time you agitate it, and prolong the life of the grate. When starting the fire, first apply the shaker in the regular way to see that the grate is in position for kindling the fire. In the event of starting the fire without this test the grate may not be in position, and if so, you must clean the fire box to adjust the grate. This rule and hint covers the operation of our Triplex Grates in all of our Columbian Stoves, Ranges & Furnaces.

Made with Triplex Grate.

	No. 23. Size of Fire Pot, 9½.	*No. 25. Size of Fire Pot, 11½.*	*No. 27. Size of Fire Pot, 13½.*
Price-list with Hot-Air Cap and Urn. ...	$24 00	$27 50	$31 00
" less " " " " " " ...	23 00	26 50	30 00

Same stove as described on page 87, with the addition of a Revertible flue (Base Heating). The Columbian Pansy is sent with Hot-Air Cap and Urn, unless "less Cap and Urn" is written in the order.

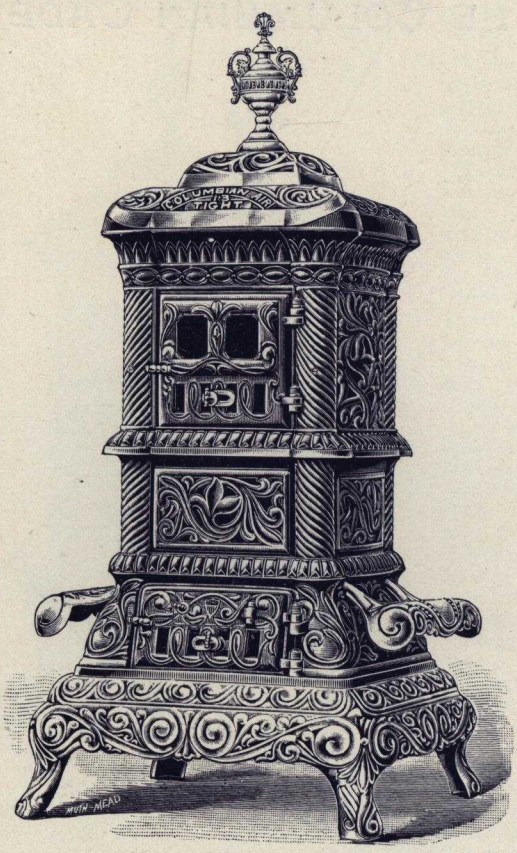
THE COLUMBIAN CADET



Made Direct Draft and Revertible Flue with Tea Kettle Attachment.

No.	19–9	inch	Fire	Pot			$11 50
"	111–10½	"	"	"			14 00
"	112–12	"	"	"			17 00
"	19–9	"	"	"	Revertible	Flue,	13 75
"	111–10½	"	"	"	"	"	16 50
"	112–12	"	"	"	"	"	20 00

COLUMBIAN AIR TIGHT.



Two sizes.

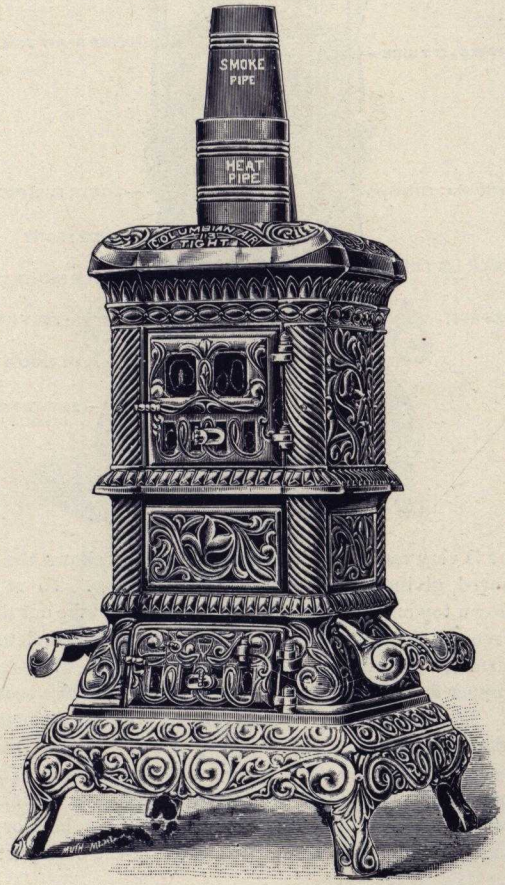
No. 13.....$19 00 **$20.00**
" 14..... 21 50 **$22.50**

The above price-list includes urn and swing cover, name plate, foot rails nickeled. For nickeling feet and skirt, we charge $1.50 additional list.

The Columbian Air Tight is the latest production of this class of stoves. We feel satisfied that this heater will meet with very favorable notice from those who require a first-class article. It is complete in all respects and possesses a number of modern and valuable features not in any other heater of its class. It is ornamental, symmetrical in appearance and nicely finished with nickel trimmings. We make it of the very best material. The purchaser need not question its durability.

COLUMBIAN AIR TIGHT

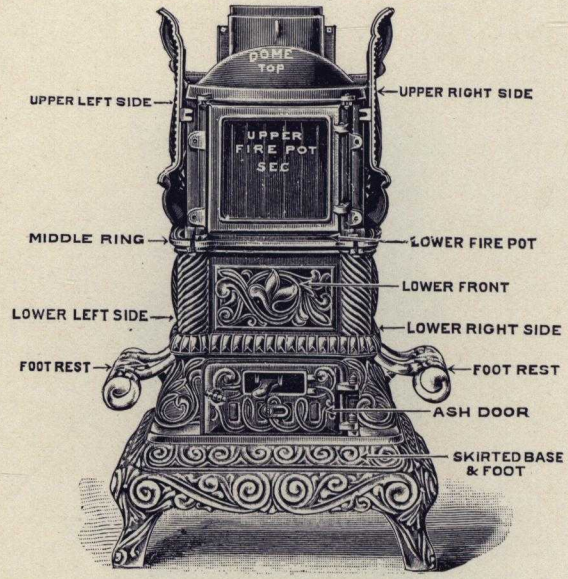
Showing Double Heater.



The above cut represents the Columbian Air Tight as a double heater. This heater stands at the head of its class as a bituminous coal burner. The castings are made heavy so that the heater will stand the wear and tear incident to hard work. To produce the double heater, remove the swing cover and invert the collar underneath it, and supply the hot-air pipe.

COLUMBIAN AIR TIGHT.

Skeleton View.



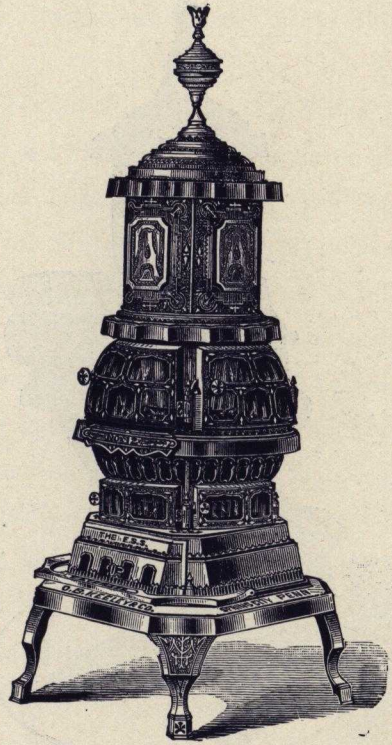
This stove is very easily repaired. The above cut shows the skeleton with the front removed, giving an unobstructed inside view. To repair the stove, remove the crown top and the inside dome top. Then take out the bolts in the middle ring, remove the front feed door, pull the upper skeleton slightly towards you, turning the front to the left and lift it off. This gives you free access to the upper fire pot, which can be removed section by section by taking out the bolts. The lower half of the stove is very easily dismounted, but this need not be done in applying the lower cylinder. Remove the bolts in the bottom cylinder, and the old cylinder is easily lifted out. The centre-draw grate can be removed and applied through the ash door. Nickel name plate bolted to crown top. Nickel foot rails attached without bolt or screw. Skirt base and feet made solid. Check damper located in the back part of the smoke pipe collar.

To Regulate the Fire.

The draft slide in the front feed doors when opened serves to check the fire as well as furnish the fire with a warm-air blast. Close the damper in the ash door and open the check draft in the back pipe collar to check the draft. When shaking the grate to clean the fire, all draft slides should be closed and pipe damper, if any, open, so there may be a full and free draft.

ALPINE.

Four Sizes.



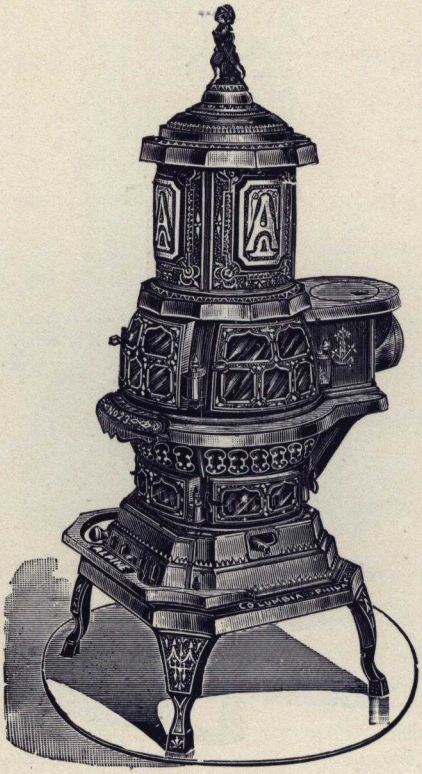
This Stove has our Improved Anti-Clinker Fire Pot and Grate, Nickel Panels, Name Plate and Urn.

No. 1, Direct draft	$9 00
" 2, " "	11 00
" 3, " "	13 25
" 4, " "	15 00

No extra charge for Foot Rails.

ALPINE.

With Tea Kettle Attachment.



This Stove is made with Flat-Shaking and Dumping Grate.

No. 22	$12 25
" 23	14 50
" 24	16 75

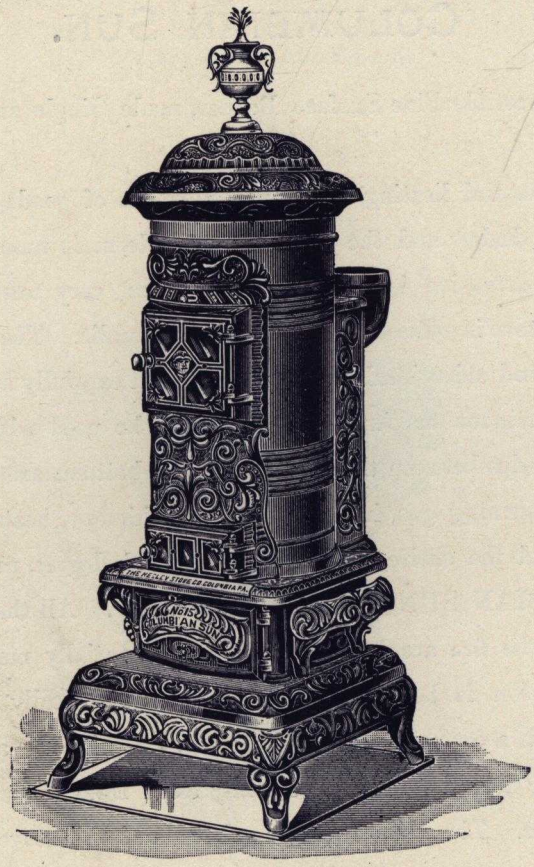
COLUMBIAN SUN.

A Revertible Flue Surface Burner, made Single and Double Heater.

The natural heating capacity of this line of goods is so well known to dealers and the public, that we deem it unnecessary to write an extensive introduction. We can very safely say no superior stove is offered to the purchasing public. The flues are perfectly and scientifically proportioned, and carefully adjusted so that Bituminous or Anthracite coal can be used with success. The flue strips between the main and under bottoms are located so that the burning gas, in its exit to the chimney, heats the flue line around the entire bottom to a very high degree, making the COLUMBIAN SUN a powerful base heater. All the parts exposed to the fire are heavy and are substantially made. The ornamentation is bold, richly carved and artistically designed. The grate is a centre-draw shaking grate, and with the aid of the anti-clinker door the fire can be easily freed from cinder and all dead matter. The dealers securing the sale of this stove can give their customers an article of utility and merit. Illustrated on pages 96, 97 and 98.

The COLUMBIAN SUN is made with ovens in the tops for all sizes at a very slight addition to list price. They go, as a rule, less ovens. Let your orders indicate clearly what you desire.

COLUMBIAN SUN SURFACE BURNER.



Made in Four Sizes, with Centre-Draw Grate.

	Fire Pot.	*Castings.*	*Pipe.*	*Finished.*
No. 13	11-inch.	$15 50	6-inch.	$20 00
" 15	13 "	19 50	6 "	24 00
" 17	15 "	23 25	6 "	28 00
" 19	17 "	28 00	6 "	33 00

Read description on page 95.

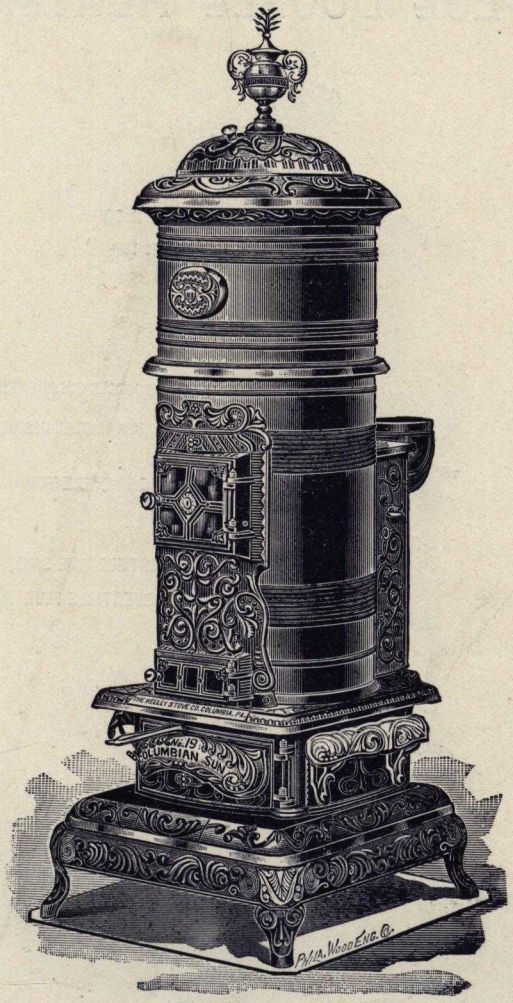
Castings include Ash Pan, Nickel Foot Rails, Name Plate and Spun Urn.

One Dollar additional on list prices for Oven Castings.

Fire Brick, per set: No. 13, 95 cts.; No. 15, $1.00 ; No. 17, $1.10 ; No. 19, $1.20, net.

COLUMBIAN SUN, HIGH TOP.

Two Sizes.



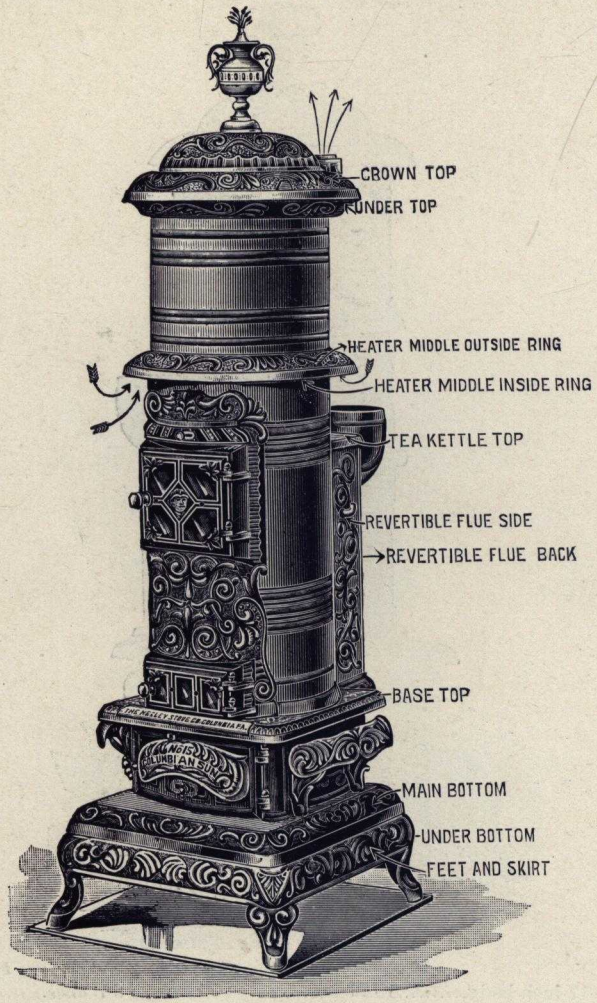
	Fire Pot.	*Castings.*	*Pipe.*	*Finished.*
No. 17,—17 inch body,	.....15 inches.	$24 25	6 inches.	$30 00
" 19.—19 " "	.....17 "	29 25	6 "	35 50

Castings include Ash Pan, Nickel Foot Rails, Name Plate and Spun Urn. Not made with oven.

Unless your order clearly states that you want the High-Top Columbian Sun, the low stove will be sent.

To insure prompt shipment, order clearly.

COLUMBIAN SUN REVERTIBLE FLUE DOUBLE HEATER.

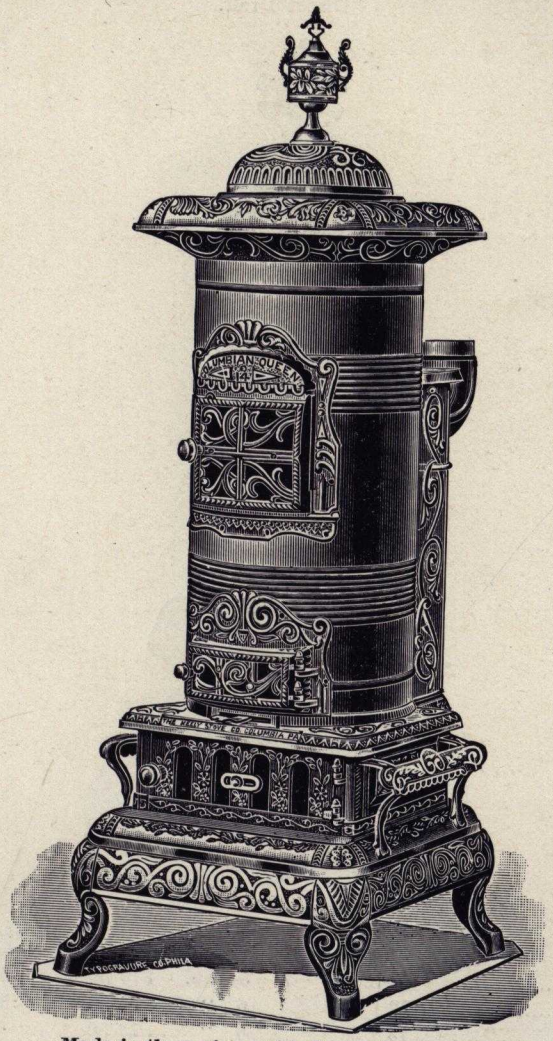


Made with Centre-Draw-Grate.

	Fire Pot, inside.	*Pipe.*	*List Price.*
No. 13	11-inch.	6-inch.	$24 00
" 15	13 "	6 "	28 00
" 17	15 "	6 "	32 00
" 19	17 "	6 "	37 00

Finished with Nickel Feet, Skirting, Name Plates and Foot Rails.

COLUMBIAN QUEEN RETURN FLUE SURFACE BURNER.



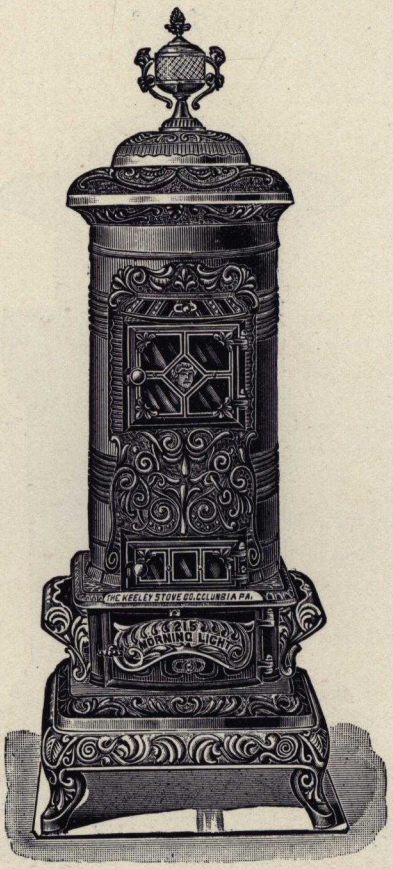
Made in three sizes, with Centre-Draw Grate.

	Diam. of Cylinder.	*Pipe.*	*Castings*	*Finished.*
No. 10	8-inch.	5-inch.	$11 00	$15 00
" 12	10 "	5 "	12 50	17 00
" 14	12 "	6 "	15 00	20 00

Castings include Ash Pan, Nickel Foot Rails, Name Plate and Spun Urn.
Fire Brick, per set, net, No. 10, 45 cts.; No. 12, 65 cts.; No. 14, 75 cts.

MORNING LIGHT, SINGLE HEATER.

Direct Draft.



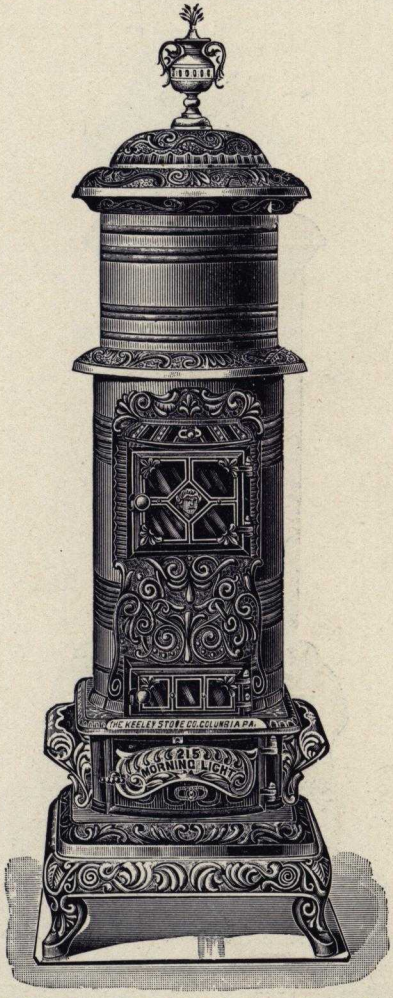
Made in Four Sizes, with Centre-Draw Grate.

	Diameter of Fire Pot, Inside.	*Pipe.*	*Castings.*	*Finished with nickeled Feet and Skirt.*
No. 213.....	11-inch.	5-inch.	$10 50	$15 50
" 214.....	12 "	6 "	11 50	17 00
" 215.....	13 "	6 "	12 50	18 50
" 217.....	15 "	6 "	14 00	21 50

Castings include Ash Pan, Nickel Name Plate, Foot Rails and Spun Urn. Fire Brick, per set, net: No. 213, 95 cts.; No. 214, $1.00; No. 215, $1.00; No. 217, $1.10.

MORNING LIGHT DOUBLE HEATER

Direct Draft.

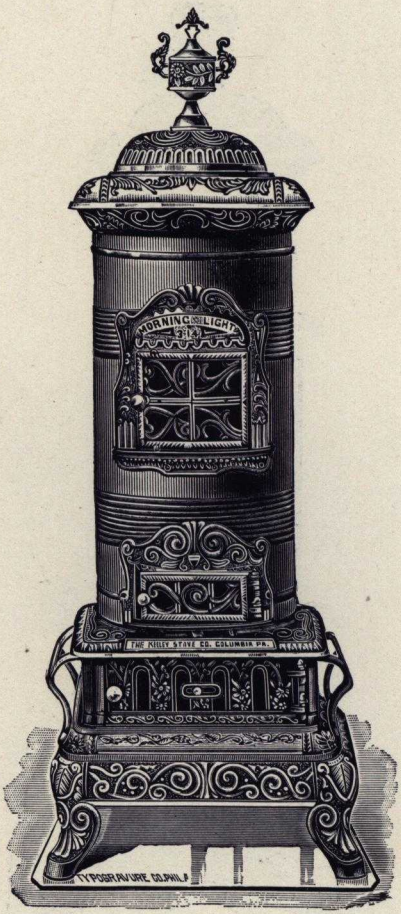


Made in Five Sizes, with Centre-Draw Grate.

	Pipe.	*Castings.*	*Finished.*
No. 213	5-inch.	$13 00	$18 50
" 214	6 "	14 00	20 00
" 215	6 "	15 00	21 50
" 217	6 "	16 50	23 50
" 219	6 "	18 50	25 50

This Heater is finished with Nickel Foot Rails, Name Plate, Feet and Skirting. The general design and finish represents the highest class of workmanship and artistic skill known to modern stove manufacture.

MORNING LIGHT SINGLE HEATER.



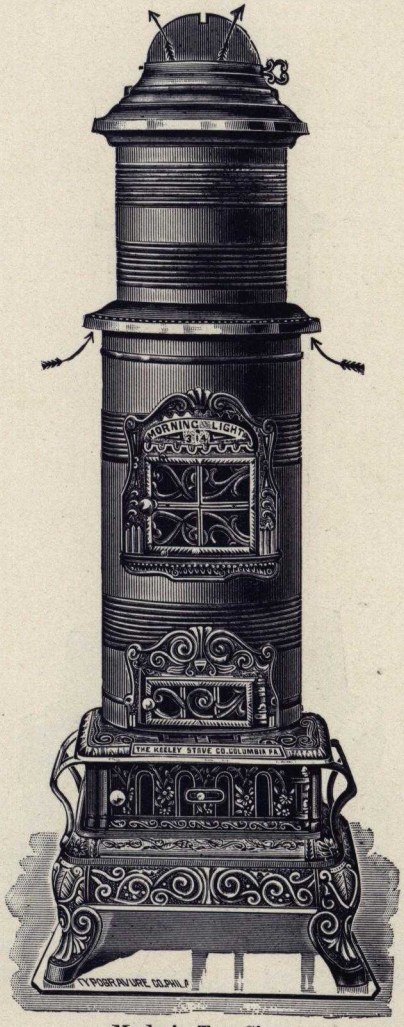
Made in Three Sizes, with Centre-Draw Grate.

	Inside Diam. Fire Pot.	*Pipe.*	*Casting.*	*Finished.*
No. 310	8-inch.	5-inch.	$7 50	$11 00
" 312	10 "	5 "	9 00	13 00
" 314	12 "	6 "	10 50	16 25

Russia Bodies furnished at low prices, ready to mount for customers who desire them in that way.

MORNING LIGHT DOUBLE HEATER.

Direct Draft.



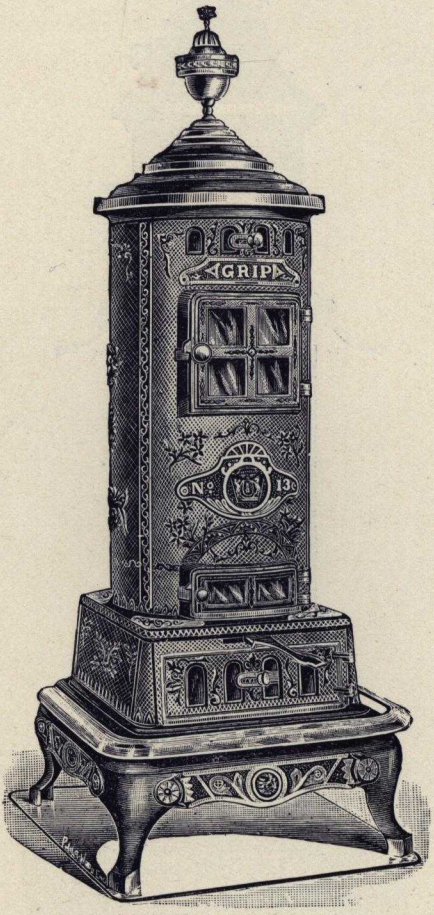
Made in Two Sizes.

	Inside Diam. Fire Pot.	*Pipe.*	*Castings.*	*Finished*
No. 312.....	10-inch.	5½-inch.	$9 50	$15 00
" 314.....	12 "	5½ "	11 50	17 50

We have made these two sizes to enable our patrons to sell a good article at a low price.

GRIP STOVE.

For Hard or Soft Coal or Coke.

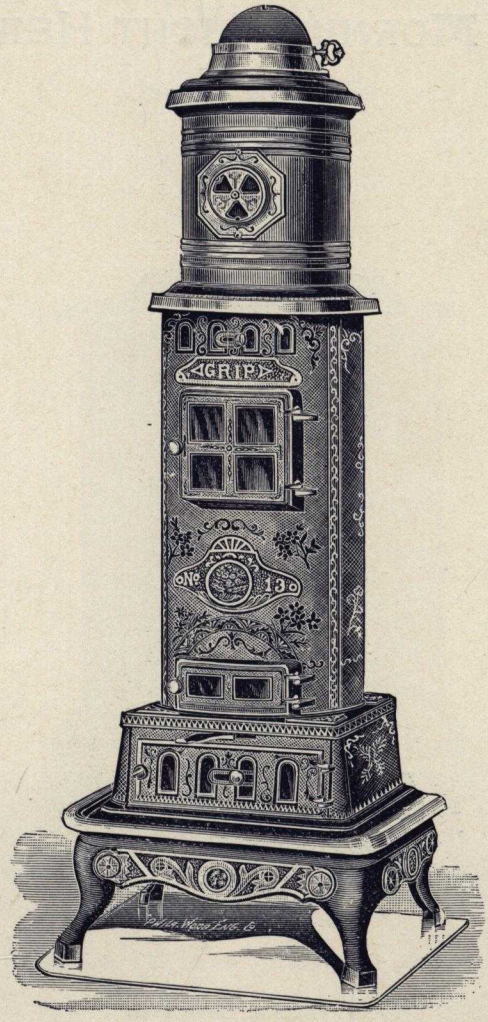


With Cast-iron Body lined with Brick, wide Ash-pit Door, Poker Door and Draw Centre Grate, Nickel Foot Rail, Top-Base Plates, Name and Number Plates and Urn.

No. 112, 12-inch body, with Cast Elbow	$12 50
" 113, 13 " " " " "	14 00
" 114, 14 " " " " "	15 25
" 115, 15 " " " " "	16 75

Without Elbow, 50 cts. less. Nickel Feet and Skirting, $1.00 extra.

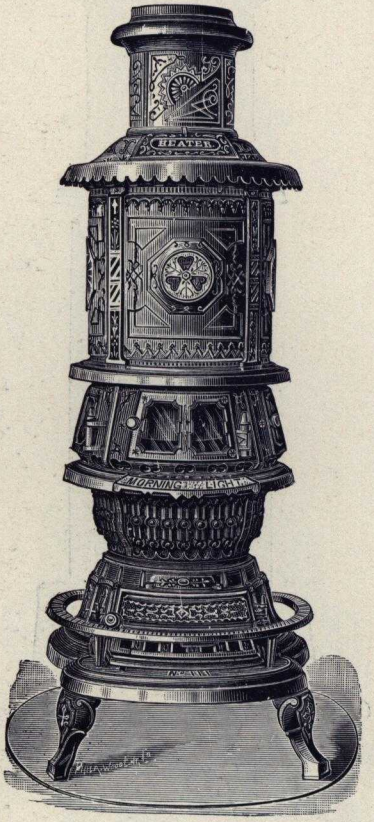
GRIP HEATER.



No. 113, 13-inch body.....$16 00
" 114, 14 " " 18 00
" 115, 15 " " 20 00

Nickel Feet and Skirting, $1.00 extra.

NEW MORNING LIGHT HEATER.



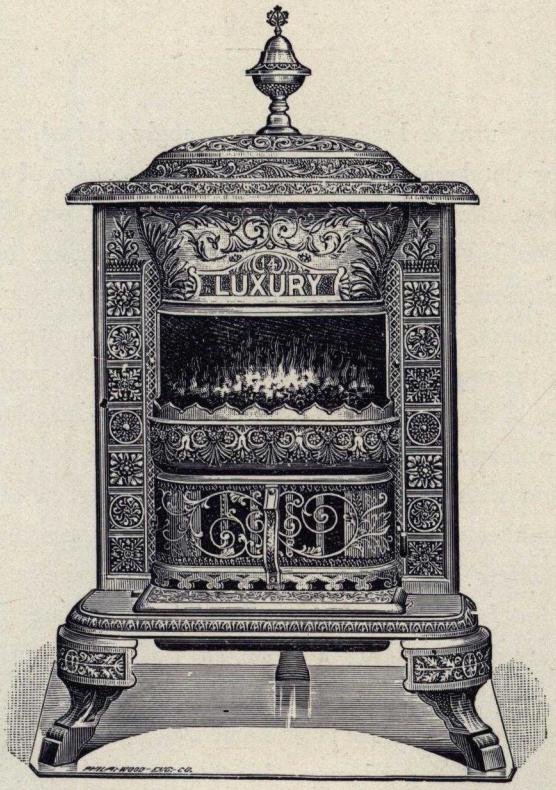
Now Made in Three Sizes.

The very best Round, Direct Draft Heater ever made.

	List Price.
No. 11	$24 50
" 12	28 50
" 13	32 00

LUXURY.

For Hard or Soft Coal.



A neat, open Stove, with Sheet-iron Back and Dust Flue, Nickel Name Plate and Urn.

No. 12	$9 00
" 14	10 00
" 16	11 50

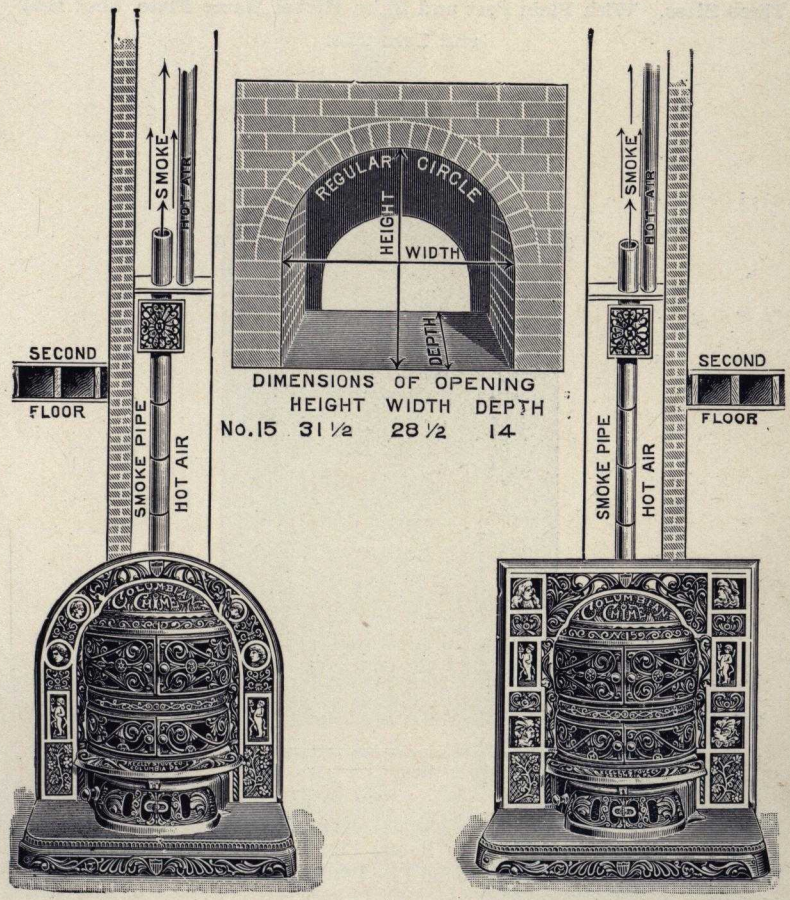
NOTICE.

In our Furnace Book we have strongly advised, and repeat here in our Catalogue, the convenience and necessity of supplying your library, sitting room and parlor with one of our Columbian Chime, Double-Heater Fireplace Stoves, as shown in cut, or Columbian Prize (portable), as best conforms to your idea and local conditions. If arranged as shown in cut on page 109, you can warm the room above with the same fire, while your Stove is always out of the way and ready for service. This construction is highly ornamental, eminently serviceable, and a very economical combination with Furnace and Hot-Air Heating. Buildings of modern architecture are incomplete without a commodity of this class. Builders can go nowhere to find a superior article, and there are but few, if any, equal to it. The prices are so reasonable that any man building a home will find this beautiful Stove available. Our Columbian Chime and Prize can be used for natural gas. Every dealer is recommended and solicited by us to place a line of these goods upon his floor, as we believe that they will find them profitable and ready sellers,

See illustration on page 109.

COLUMBIAN CHIME.

Showing Circle and Square Front.



The dealer will be careful when ordering to name style of Front desired.

No. 15, 14½-inch Fire Pot, with Plain Front, Tile, Nickeled Skirt, Nickel Name Plate and Foot Rail.....$19 50

Add to price list for Nickeling Square or Circle Front..... 2 00

If Nickel Front is desired, so specify in your order. Deduct from list 60 cents if Skirt is not Nickeled. Size of Frames, 32 x 33 and 30 x 33.

COLUMBIAN PRIZE.

Three Sizes. With Plain Feet and Skirt, Nickel Name Plate, Foot Rail and Two Tile.

A Franklin Stove, made with Round Fire Pot, suitable for natural gas, hard or soft coal. For coal a Round Fire Pot is used; for natural gas, Brick Lining.

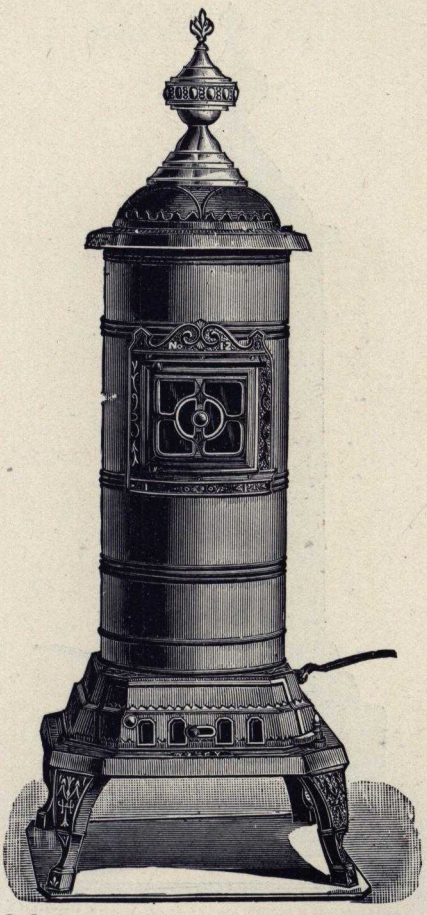
No. 11, 11-inch Fire Pot.....$14 00
" 13, 13 " " 15 50
" 15, 14½ " " 17 00

If Nickel Feet and Skirt are desired, add to list 75 cents.

We supply Nickel Side Panels for Front if desired, at list price, $1.25.

NOBBY.

Five Sizes. Mounted with Russia Iron, Swing Hearth Door, Swing Cover and Nickel Spun Urn.



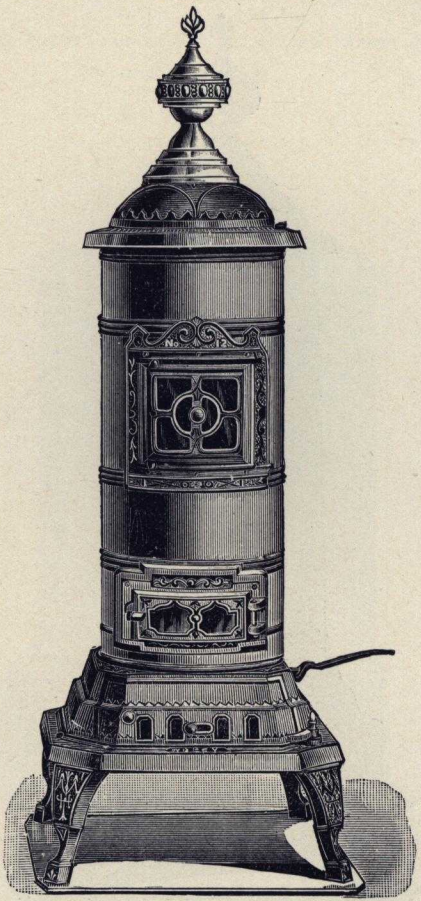
In Ordering, please mention if Foot Rail is desired.

	Casting, less Foot Rail.	*Casting with Rail.*	*Finished in Russia Iron, less Foot Rail.*	*Finished in Russia Iron, with Foot Rail*
No. 8	$2 50	$3 00	$5 00	$5 50
" 9	3 00	3 50	6 00	6 50
" 10	3 55	4 00	7 00	7 50
" 11	4 25	4 75	8 50	9 00
" 12	5 50	6 00	10 00	10 50
" 14	7 50	8 25	12 50	13 25

NOBBY.

With Anti-Clinker Door.

Made in Six Sizes, Mounted with Russia Iron, Swing Hearth Door, Swing Cover and Nickel Spun Urn. In ordering, please mention if Foot Rail is Desired.

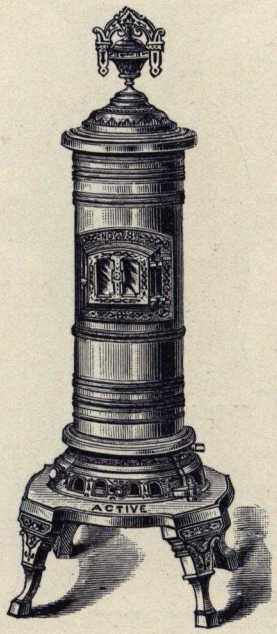


	Casting, less Foot Rail.	*Casting, with Rail.*	*Finished in Russia Iron, less Foot Rail.*	*Finished in Russia Iron, with Rail.*
No. 8.....	$2 90	$3 40	$5 40	$5 90
" 9.....	3 40	3 90	6 40	6 90
" 10.....	3 95	4 40	7 40	7 90
" 11.....	4 65	5 15	8 90	9 40
" 12.....	5 90	6 40	10 40	10 90
" 14.....	7 90	8 65	12 90	13 65

Made with or without anti-clinker door. If anti-clinker door is desired, it should be so stated in the order.

ACTIVE.

Three Sizes. For Coal.



A cheap base, having Spun-Urn Ornament, Sliding Door, and our Improved Grate.

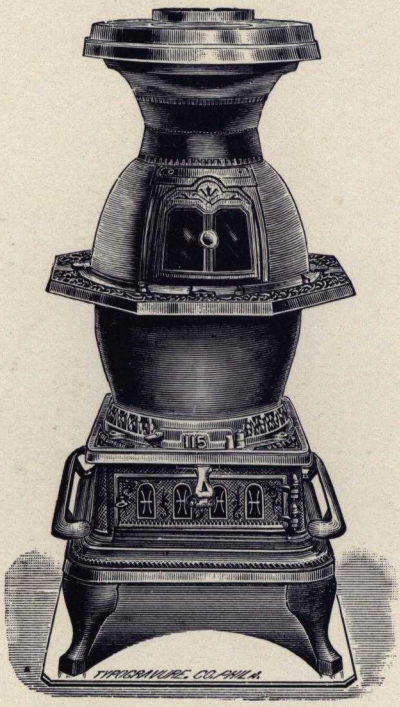
	Castings, Complete.	*Finished, Common Iron.*	*Finished, Russia Iron.*
No. 8	$2 50	$4 50	$5 00
" 9	3 00	5 50	6 00
" 10	3 55	6 50	7 00

Rails, 50 cents additional.

COLUMBIAN ULSTER.

Four Sizes.

This stove has gone through a series of changes, so be sure to get correct name and number in ordering stoves or repairs for same.



Last Improvement, 1895.

We have improved our already popular Ulster Stove, of which thousands have been sold, by enlarging Lower Cylinder and adding the Draw-Centre Grate, and can warrant it to give satisfaction for any kind of fuel. We have added plain Foot Rails without extra charge. In ordering Upper Cylinder, be sure to state whether Feed Door slides or swings. The improved series of 1891 are made with slide doors.

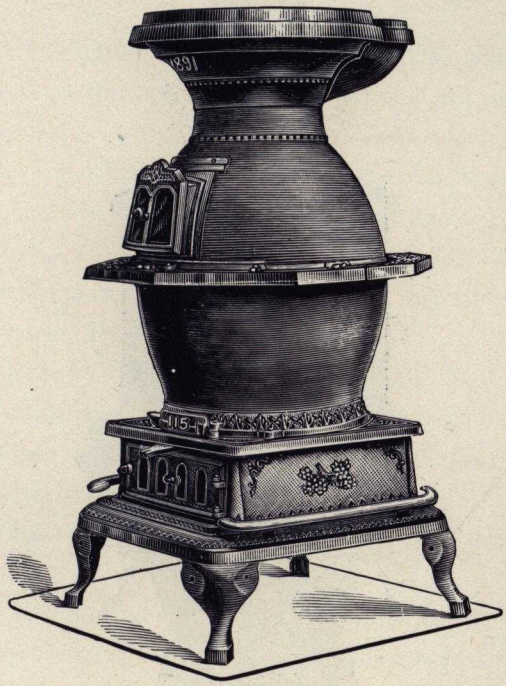
No. 113.....$8 50
" 115.....10 50
" 117.....13 00
" 120.....17 50

Skirting, 50 cents additional to list.

COLUMBIAN ULSTER.

1892 Pattern. Four Sizes.

With Collar Back and Draw-Centre Grate, only.



Improved 1895.

In ordering Upper Cylinders be sure to state whether Feed Door slides or swings.

No. 113	$9 00
" 115	11 00
" 117	13 75
" 120	18 25

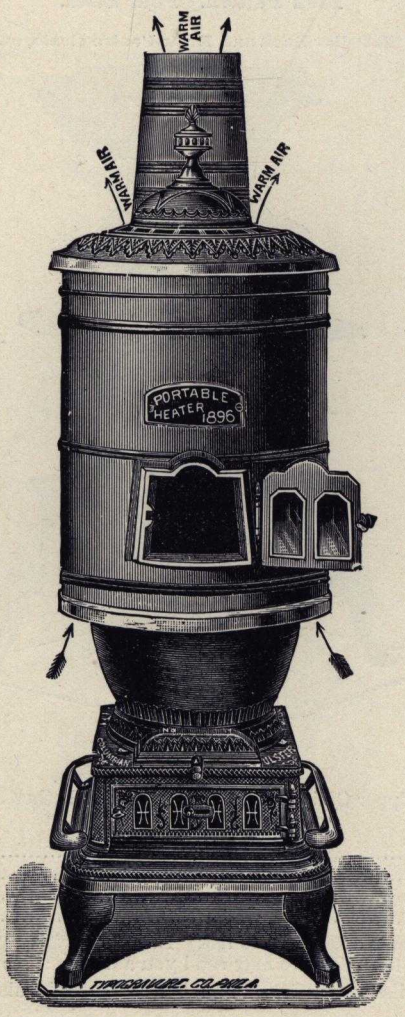
Skirting, 50 cents additional to list. In ordering, say "Columbian Ulster with Collar Back, 1891," or we may send you a different stove.

Hot-Water Coils for our Columbian Ulster Stoves furnished at the following list prices :

	One Coil.	*Two Coils.*
No. 113, ¾-inch Pipe,	$1 50	$2 00
" 115 " "	1 65	2 30
" 117 " "	1 85	2 60
" 120 " "	2 00	3 00

Hot-Water Coils furnished for other Stoves and Furnaces of our make.

COLUMBIAN ULSTER PORTABLE HEATER.



Suitable for Hotel Offices, Bar Rooms and Restaurants.

	Casting.	*Finished in Galvanized Iron.*	*Finished in Russia Iron.*
No. 115—15-inch Fire Pot.....	$15 00	$18 00	$21 00
" 117—17 " " "	18 00	21 25	25 00
" 120—20 " " "	23 00	27 00	32 50

Made with Centre-Draw Anti-Friction Grate and Clinker Door.

COLUMBIAN CROWN HEATER.

The COLUMBIAN CROWN HEATER represents an entirely new departure of Stove construction, and enables the dealer to supply a strong, powerful and economical Heater for Hotel Offices, Small Churches, School Houses and Station Rooms. This Heater is made to operate upon the Ventiduct System, and hence heats by CIRCULATION and RADIATION.

The cut illustrates it as a Double Heater operating upon the circulating system, doing double work.

We indicate by this illustration that the Columbian Crown Heater is of sufficient power to permit opening the Register and Hot-Air Damper in the Crown Top at one and the same time. The arrows shown in the cut indicate the course of the rapidly moving currents of cold and warm air under the draft of this Heater.

By this process the room in which the Heater operates is rapidly and quickly emptied of cold air and supplied with warm air. The forces of attraction and radiation are in operation as long as the Heater is fired.

We call the dealers' and consumers' special attention to this important feature and construction on all of our leading Double-Heating Stoves. The swing cover can be removed or set aside for the purpose of using a boiler or kettle for hot water. The Heater can be recommended and will sell at sight because of its superiority and simplicity.

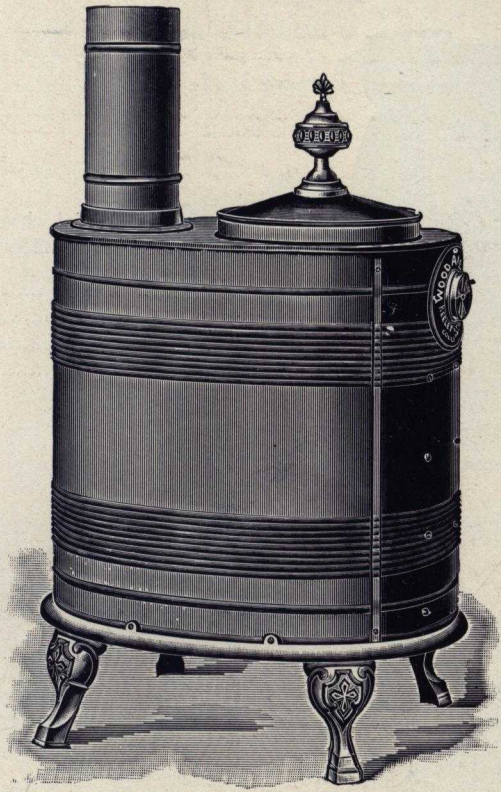
COLUMBIAN CROWN HEATER.

	Castings and Steel Drums.	*Finished Russia Iron.*
No. 36, 16-inch Fire Pot	$24 00	$33 00
" 40, 19 " "	31 00	40 00
" 44, 21 " "	40 00	50 00

The above list price does not include bar-room pan.

Read description of this Heater on page 117.

IMPROVED "WOOD AIR TIGHT" HEATER.



The most perfect and up to date Wood Air Tight now on the market. Economical, reliable and safe. Will heat your room in less time with less consumption of fuel than any other class of Stove made. Money and labor saved by the use of this Stove. Suitable for use in any room in your house, as well as Halls, Schools, Offices, etc., etc. Being lined with heavy sheet steel it is durable as well as attractive in its appearance.

	List Price, less Foot Rail.	*List Price, with Plain Rail.*	*List Price, with Nickel Rail.*
No. 1, 18 In. Long, 14 In. Wide, 14 In. High,	$7 50	$7 85	$ 8 15
No. 2, 22 In. Long, 16 In. Wide, 20 In. High,	8 50	8 85	9 15
No. 3, 25 In. Long, 18 In. Wide, 24 In. High,	10 00	10 35	10 65

Burns anything Combustible, from a Corn Cob to an Oak Knot.

It has the following advantages over any other stove of its kind :

A Cast-Iron Bottom, which cannot be injured by heavy wood falling on it, and which holds the feet in their proper position.

A Double-Seamed Top, avoiding all possibility of Top and Body coming apart, and, making a perfect Air Tight Joint.

A Cast-Iron Draft Flue on the inside of Stove, which will not warp or twist as sheet-metal is sure to do.

A Cast-Iron Register Draft Wheel on Front of Stove by which the air can be admitted in large or small volume, and which can be regulated with a touch.

The fuel may be ignited by dropping a lighted paper through the register.

A body of genuine Russia Iron which makes a handsome finish and does not discolor from the heat.

Order a Sample Stove and judge its merits.

THE TIGER.

These Cuts are Reversed; Prices Correct.

A very substantial, cheap, Cast Cylinder Stove, for small offices or bed-rooms.

No. 3	$3 50
" 4	4 00
" 5	4 50
" 6	5 00

THE FIRE FLY.

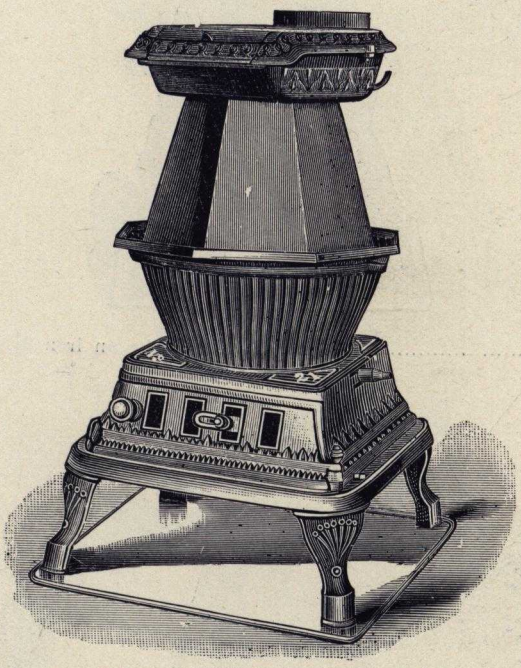
Four Sizes.

For Hard or Soft Coal.

No. 19	$5 50
" 20	6 25
" 21	7 25
" 22	8 50

LAUNDRY.

Four Sizes.

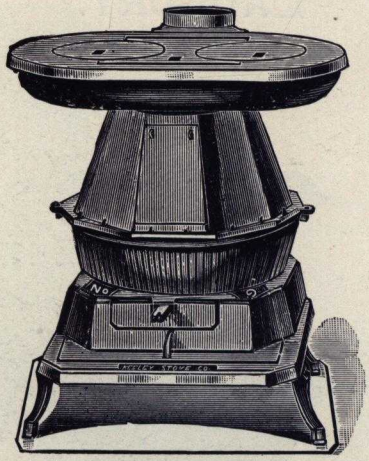


Having had frequent inquiries for a Laundry Stove, we have made one from the Fire Fly base and Lower Cylinder and Belle Top, making the Upper Cylinder to accommodate irons.

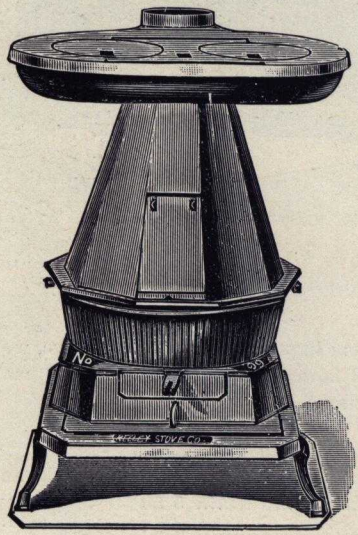
Price List.

No. 19, five irons	$4 50	Will take an iron 6½	inches long.
" 20, six "	5 50	" " 7	" "
" 21, seven "	6 50	" " 7½	" "
" 22, eight "	7 50	" " 7½	" "

LAUNDRY.

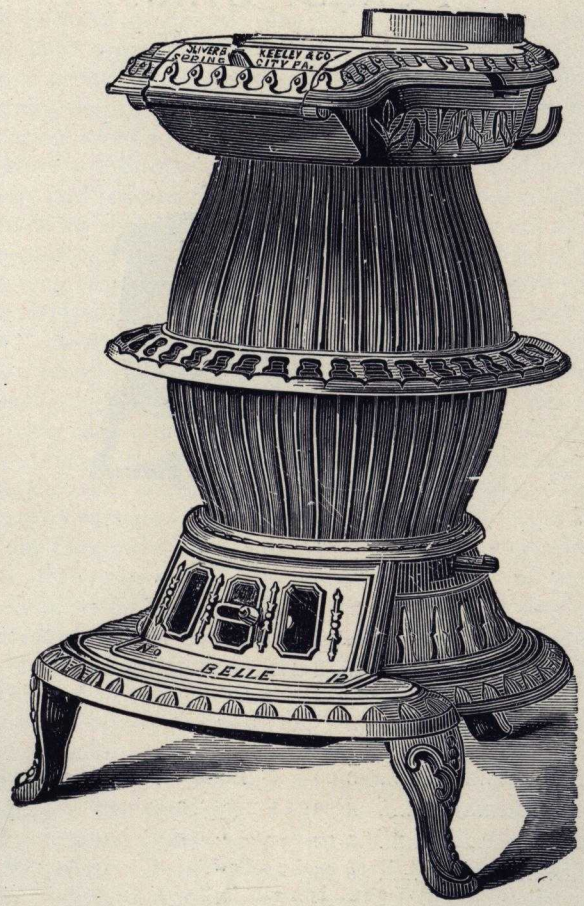


No. 9.....$7 25 Will take an iron 6½ inches long.



No. 99.....$8 25 Will take an iron 11½ inches long.

THE BELLE.



No. 10	$3 75
" 11	4 25
" 12	5 25
" 13	6 50

FOREST OAK.

For Wood. Seven Sizes.

Extra heavy, full size, swelled sides and well mounted. The respective numbers represent the length of wood that can be used in each.

No. 16	$ 3 00	Takes 5-inch Pipe on Collar.
" 18	4 00	" 5 " " " "
" 20	5 00	" 6 " " " "
" 22	6 25	" 6 " " " "
" 25	7 50	" 6 " " " "
" 31	10 00	" 6 " " " "
" 38	13 50	" 7 " " " "

FURNACE DEPARTMENT.

The tinsmith or furnace man who proposes casing one of our furnaces must remember that from the top of the steel drums to the top of a flat cone there must not be less than twelve inches. To contract the warm-air pipe below the measurements we suggest is to do violence to your furnace and coal supply, and not reach the temperature you desire. The carpenter, builder and architect are not wholly faultless,and the furnace man is very often obliged to work after the work they have spoiled in the start, since one or both may have so constructed their work and created local defects which the furnace man cannot overcome without the loss of work for the one, the friendship of the other, perhaps both. The register is no less a factor. A ten-inch register is reduced by the face thirty-three per cent., hence care should be taken to have the register equal to the capacity of the pipe to which it is attached. The estimates placed upon the capacity of our furnaces are very carefully calculated, and when the furnace has been properly arranged, can be relied upon with a reasonable degree of accuracy. To warm a house with a furnace, care and thought should be given in the laying of the foundation and construction of the division walls. The location of the pipes and suggestions as to sizes of pipes are so very helpful with the construction of the wall that they should not be overlooked.

If possible keep your risers out of the north or west walls. If you must lead in this direction see that your pipes are well secured by a good coating of asbestos the entire length. A small house with an unusual number of small rooms requires more labor and coal with a larger furnace to heat it than a larger one with less apartments. The tradesman and purchaser should not be parsimonious in these points and give the manufacturer, dealer and himself trouble. Every room and hall in a building should be connected with the furnace independently of the warm-air supply of any other department of the building; that is to say, from the start to finish there should be but one register in any one pipe leaving the furnace. You cannot successfully at the same time heat two rooms off one pipe. The additional expense incurred in this form of construction is more than returned in the comfort experienced. See illustration on page 127.

In heating a single audience room for school or church, to carry the heat from your furnace through a number of small pipes with the registers placed here and there in the floor, as against one large pipe off the top of your furnace with a register of ample capacity, is to do violence to your furnace and coal supply. When one straight pipe is used, a hot-air damper between the top of the furnace and the register, with a door for an opening in the furnace casing for a hot-air exit, would be useful.

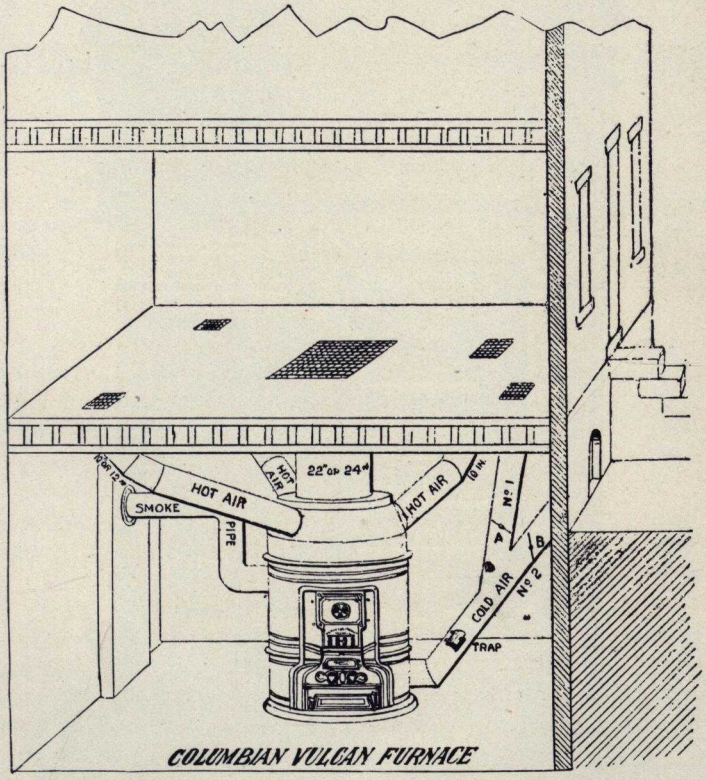
The suggestions and explanation which we have written with the aid of the diagram will make clear the ideas and plans which we suggest. The cut on page 127 is made to illustrate two plans, one with a large pipe, say twenty-two or twenty-four inches straight off the top, the other with three ten or twelve-inch pipes running in oblique lines to the points where the registers are located. The one large pipe plan is very much more effective and superior than that of the three-pipe plan. To illustrate: One twenty-inch hot-air pipe in area is equal to 315 square inches. Three ten-inch pipes have an area of 232 square inches; hence, the large pipe has very much more capacity, as well as less friction and radiation to overcome. If the object were to fill the room with water in a given time you would not accept the three-pipe plan. Do not lose sight of the fact that your room must be filled with warm air and a dozen pipes of a given size are not equal to one pipe, equal in size to the area of all the pipes to do the work in question.

The application of a cold-air box is essential. First—The size should be equal in area to two-thirds of the hot-air pipes taken off the heater. Second—The cold-air supply should be taken from the north or west side of the building. Make no mistake in that. If you draw the cold air from the south or east the currents of warm air move sluggishly, if at all, and the furnace is warming your cellar, consuming coal, and your dwelling is not warm. We cannot over-estimate the value of a cold-air box connected to the inside of the building, either from the hall or some other suitable location. The atmosphere on the inside of many churches, when the fire is started, is quite as heavy as that on the outside, and to assist in the movement of the currents of hot air an application of the kind mentioned is very helpful.

Cold-air box No. 1 draws the cold air off the floor and out of the dwelling. To use this supply let your registers be of ample size and capacity and in keeping with what we have suggested, with a damper at point A. To use this supply open the damper

at A and close at B, and you have a complete circulation system. When working box No. 1 close damper in box No. 2 at B. When you wish to work box No. 2 open damper at B and close A.

The value of two small furnaces of equal capacity (or nearly so) over one large one should not be overlooked. The difference between extreme cold weather and days when very little fire is needed argue in favor of the two-furnace plan. Many are the

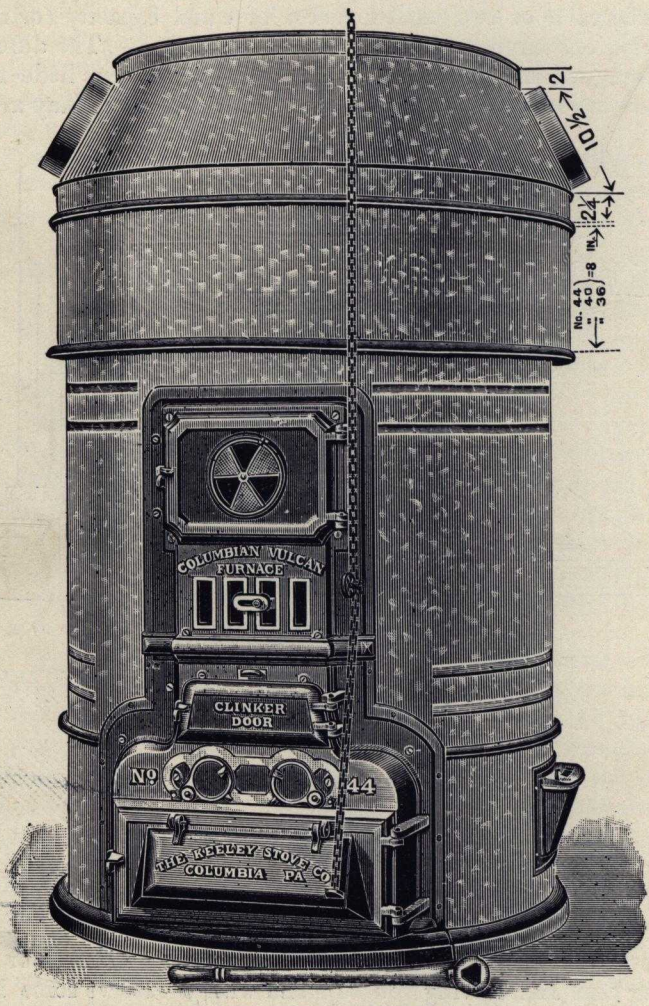


COLUMBIAN VULCAN FURNACE

times in which one small furnace will heat a large church or room saving coal and leaving you supplied with a reserve force in the second furnace for any attacking storms or blizzards. Any additional expense is worked off in time in the durability of the furnaces, and you have secured for yourself the comfort desired. Hence use two small furnaces instead of one having the capacity of both. It is better in large buildings.

COLUMBIAN VULCAN FURNACE.

Finished and High Construction.



Height of Furnace Finished.

No. 44, 5 feet, 10¼ inches. No. 40, 5 feet, 7¾ inches. No. 36, 5 feet, 6½ inches,

No. 36	$65 00	No. 36, One Cold-Air Screen	.75
" 40	78 00	" 40, " " " "	.75 net.
" 44	100 00	" 44, " " " "	.75

One or more Screens can be used. Location and circumstances will determine the number. Cold-Air Screens must be ordered if desired. Additional measurements given on page 129. Above prices are for the Furnace finished complete.

The Columbian Vulcan Furnace, illustrated in finished form, measurements and heights given on page 128. Additional illustration, page 132. Price lists on pages 128, 131, 134.

High Construction of the

Columbian Vulcan Furnace.

Measurements of Casings and Steel Drums.

No. 44.

	High.	*Long, less lap.*
Bottom Galvanized Iron Casing	20	117½
Middle " " "	26	131½
Top " " "	8	137½

Steel Drums.

Inside Drum	15	51¼
Middle "	16½	82
Outside "	24	103¾

No. 40.

Bottom Galvanized Iron Casing	20	105½
Middle " " "	26	118½
Top " " "	8	124½

Steel Drums.

Inside Drum	14½	41
Centre "	16½	71½
Outside "	24	93½

No. 36.

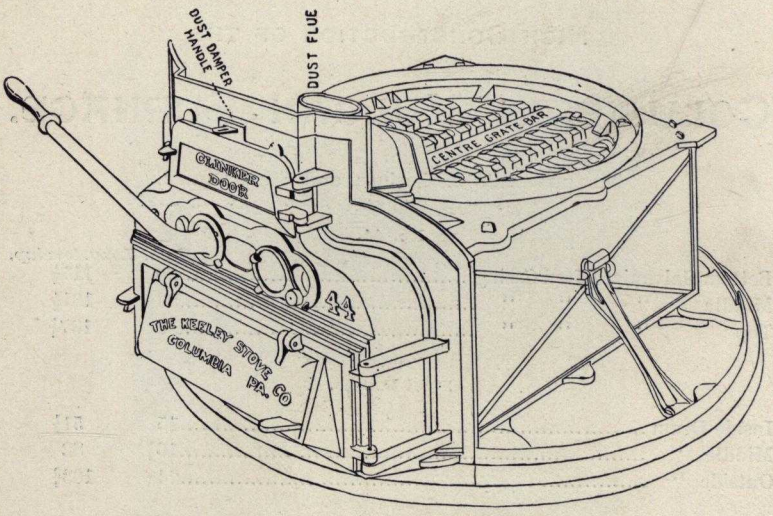
Bottom Galvanized Iron Casing	18	95¼
Centre " " "	22	106½
Top " " "	8	112⅜

Steel Drums.

Inside Drum	12¾	32¼
Centre "	14½	61⅛
Outside "	22	82½

COLUMBIAN VULCAN FURNACE.

Cut Showing the Base with Triplex Grate.



Made with Centre-Draw or Anti-Friction and Triplex Grates.

The Triplex Grate needs little or no explanation. We claim, first, that it is the best made.

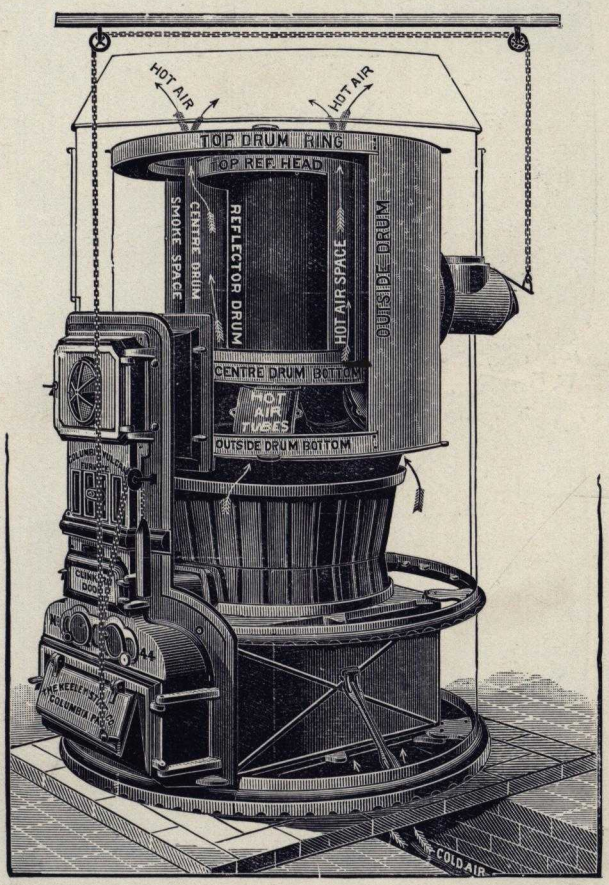
Second.—It is so adjusted to the Columbian Vulcan Furnace as to operate perfectly. Our Shaker and Grate, as applied one to the other, leaves the Grate when removing or applying the Shaker in a perfect position. This grate (or one and all of the bars) can be removed or applied through the Ash-Pit Door.

Third.—Our Centre Bar, which equally divides the surface of the Grates, makes the division of labor equal between the two sides of the Fire Pot.

Fourth.—The Columbian Vulcan Furnace is made and supplied with the most modern improvements in Furnace construction. It is made heavy and warranted to be a substantial and reliable article to every one who buys it. The Triplex Grate, as applied by us, is the best-known Grate construction offered to the trade. This is our challenge after the tests and trials to which we have subjected this Grate.

COLUMBIAN VULCAN FURNACE.

Skeleton Side View.



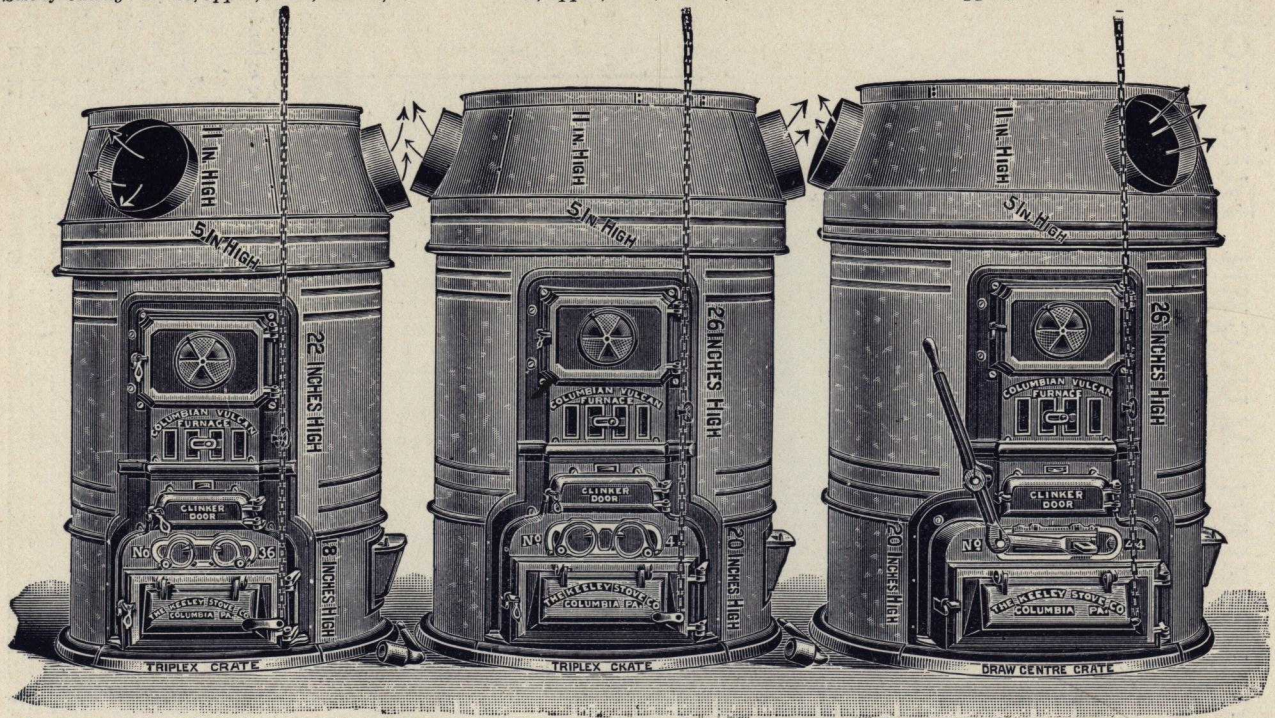
The Chain and Pulley Attachment for regulating the draft may be extended to an upper room, or not, as desired.

Sizes of Fire Pot.

	Top.	*Bottom.*	*Depth.*
No. 36	18 inches.	16 inches.	12 inches.
" 40	21 "	18½ "	12½ "
" 44	24 "	21½ "	13½ "

	List Price, Casting.	*List Price, Casting and Steel Radiators.*
No. 36	$40 00	$45 00
" 40	50 00	56 00
" 44	67 00	74 50

Size of Casing : No. 36, Upper, 36 in.; Lower, 34 in. *No. 40, Upper, 40 in.; Lower, 38 in.* *No. 44, Upper, 44 in.; Lower, 42 in.*



Low construction of our Columbian Vulcan Furnace in three sizes, showing height of casing, etc. For additional measurements, see page 133. For price list, see pages 128, 131 and 134.

Low Construction of the

Columbian Vulcan Furnace.

Measurements of Casings and Steel Drums.

Illustrations and additional measurements given on page 132, which, if studied, will be helpful to the dealer.

No. 44.

	Height.	*Length, less Lap.*
Bottom Galvanized Iron Casing	20	117½
Middle " " "	26	131½
Top, 5-inch Band to Cone	5	137½
Steel Drums.		
Inside Drum	15	51¼
Middle "	16½	82
Outside "	24	103¾

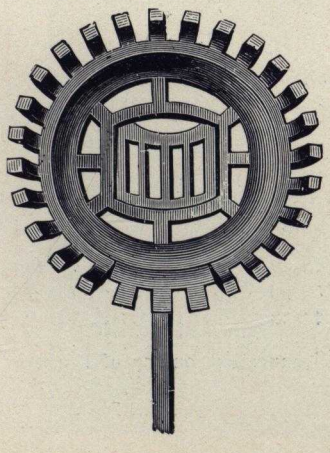
No. 40.

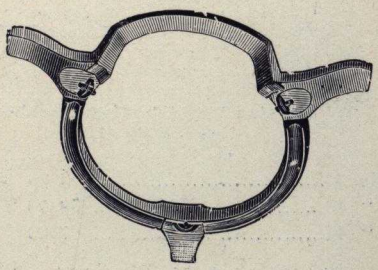
Bottom Galvanized Iron Casing	20	105½
Middle " " "	26	118½
Top, 5-inch Band to cone	5	124½
Steel Drums.		
Inside Drum	14½	41
Centre "	16½	71½
Outside "	24	93½

No. 36.

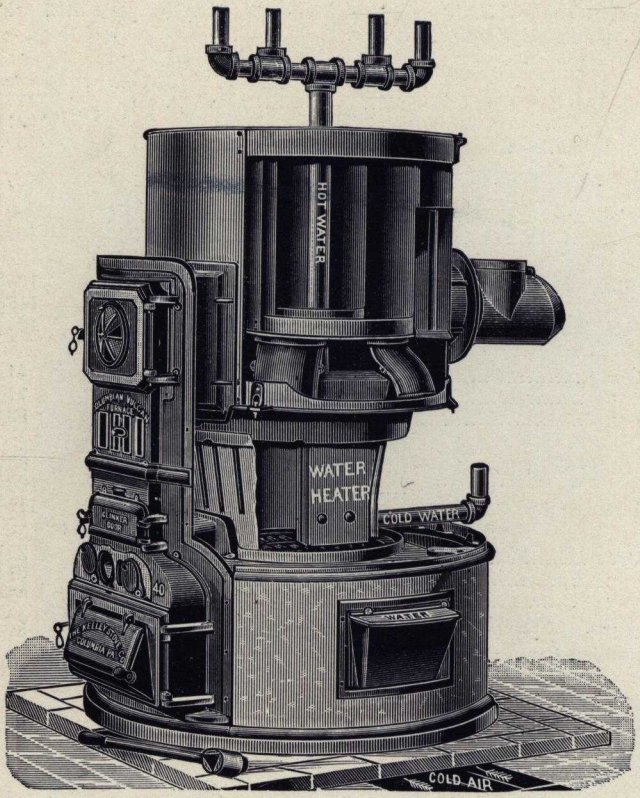
Bottom Galvanized Iron Casing	18	95¼
Centre " " "	22	106½
Top, 5-inch Band to Cone	5	112⅜
Steel Drums.		
Inside Drum	12¾	32¼
Centre "	14½	61⅛
Outside "	22	82½

Cuts illustrating Centre-Draw Grate, used in the Columbian Vulcan and the Columbian Banner Furnaces.





COLUMBIAN VULCAN FURNACE.

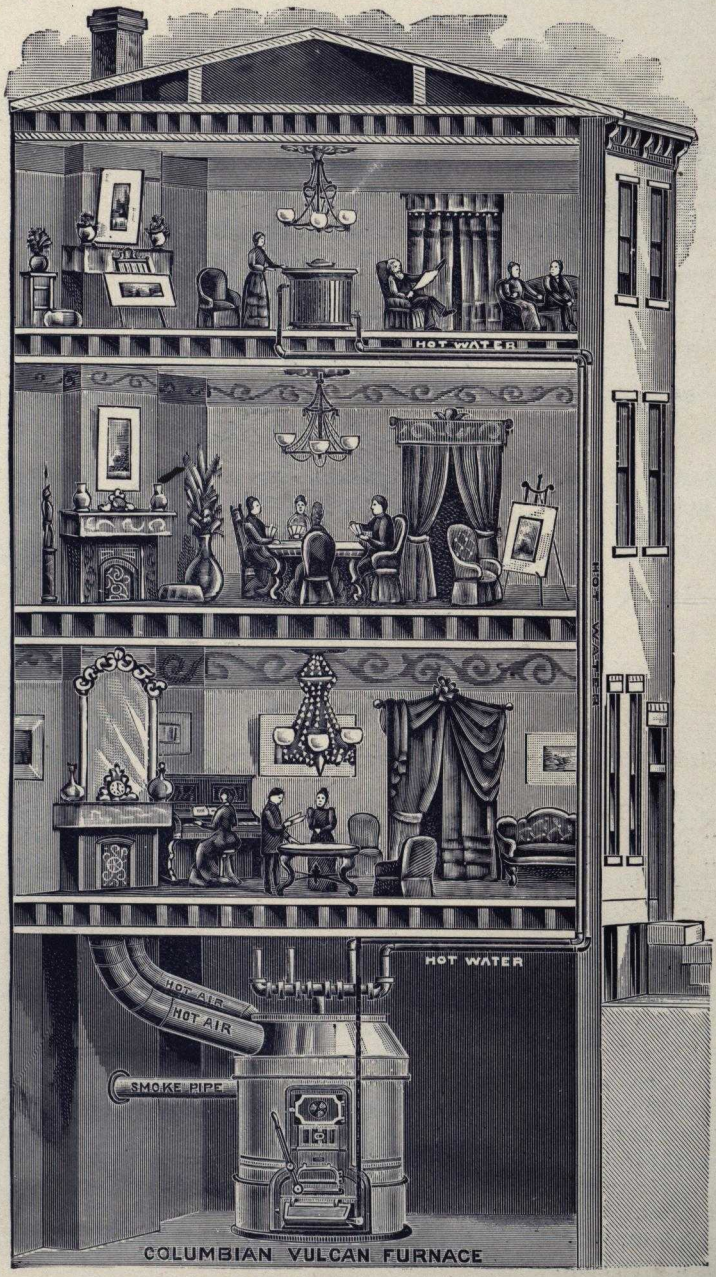


Skeleton View, Showing Combination of Hot Air and Hot Water.

	Castings.	*Castings and Radiators.*	*Finished.*	*One Screen Extra.*
No. 36	$40 00	$45 00	$65 00	75c net
" 40	50 00	56 00	78 00	75c "
" 44	67 00	74 50	100 00	75c "

The Hot-Water Heater and Pipes to receive connections on top of Furnace furnished for $12.00 list price.

Illustration, showing operation, on page 135.



Sectional view on page 134.

COLUMBIAN VULCAN FURNACE.

No. 36.

Heating Capacity.	*Two-Story House.*	*Air Supply.*
16 to 20,000 cubic ft.	Not less than 9-in. pipes first floor. " " " 8-in. " second floor.	250 sq. in.

No. 40.

Heating Capacity.	*Two-Story House.*	*Air Supply.*
20 to 30,000 cubic ft.	10-in. pipes first floor. 9-in. " second floor.	350 sq. in.

No. 44.

Heating Capacity.	*Two-Story House.*	*Air Supply.*
30 to 40,000 cubic ft.	10-in. pipes first floor. 9-in. " second floor.	450 sq. in.

ADDITIONAL HINTS.

Sizes of Registers and Pipes used, according to size of rooms to be warmed.

First Floor Rooms	.....	10-inch	Pipes, with	10 x 16	Registers.	
" " "	.....	10	" " "	10 x 14	"	
" " "	.....	9	" " "	9 x 12	"	
Second " "	.....	4 x 10½	Riser, "	8 x 12	"	
" " "	.....	4½ x 10½	" "	9 x 12	"	
" " "	.....	5 x 12	" "	10 x 16	"	

Round Pipes from the Furnace to Riser Pipes leading to upper rooms should be 8, 9 and 10-inch diameter, according to the size of room to be warmed.

The estimates of the heating capacities of the Columbian Vulcan Furnace are low, and when the Furnace has been properly arranged, can be relied upon with safety. When heating School Rooms, Churches, Stores, etc., and only one Register is required, and that directly over the Furnace, you can safely count upon 15 per cent. additional capacity, and, under such circumstances, use for the several sizes not less than 20, 24 and 26-inch Registers, and these should be without valves. When trenches are put under the Furnace for a cold-air supply, see that it is of sufficient capacity to supply your Furnace. It should be kept free from dust and dirt.

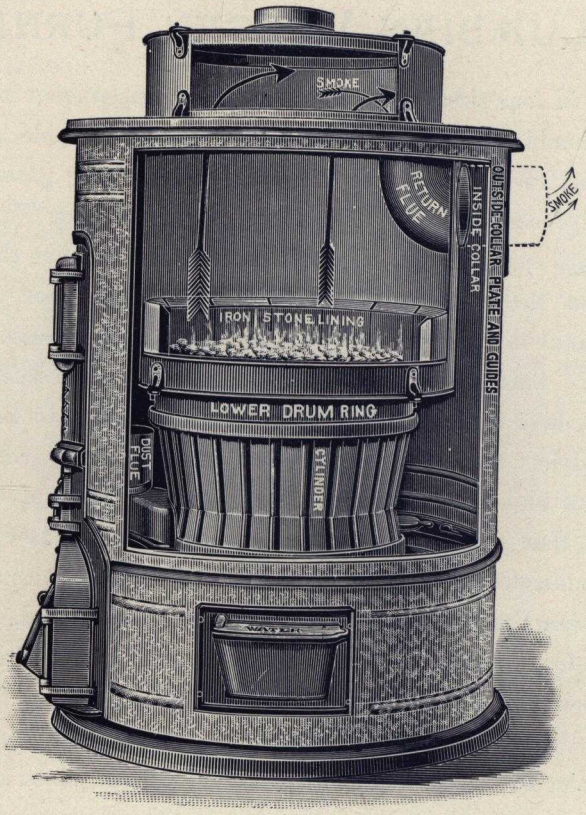
THIS SERIES OF THE

COLUMBIAN VULCAN FURNACE

is made in four sizes, with the same Drum construction as that of the Columbian Banner. We show it with a full-side sectional view, illustrating the route of smoke and burning gases to the smokepipe connection. This form of the Vulcan Furnace is made with cast cylinder. In this construction, we line the Drum about six inches above the bottom of the Feed Door with fire brick, so as to prolong the life of the Drum and increase the fire surface. This makes a powerful Heater, and we can safely say is the very best form of Furnace construction known to the trade. By studying these illustrations, our customers may very easily grasp our idea of Furnace work and learn the parts of our Furnace, so that orders for Furnaces or Castings may be clear and easily understood. The numbers indicate the difference as to the Columbian Vulcan form of Drum construction desired. Combinations for Hot-Water Heating supplied to this form of construction; prices given on application. The dealer should fire every furnace before turning it over to his customer. The joint at the Feed-Door Frame, as well as all sand and puttied joints, should be carefully examined in the final setting. The chimney should be sounded and tested before the smokepipe is attached. In many new buildings chimneys are left clogged with mortar and broken brick. Every Furnace Warranted. On page 138 we name and number the kinds of brick to complete a cylinder. The Section Brick go with every Furnace for the protection of the Drums and the Drum-Ring Brick when the Furnace is used for Bituminous Coal. Nos. 136, 140, 144 and 150.

COLUMBIAN VULCAN FURNACE.

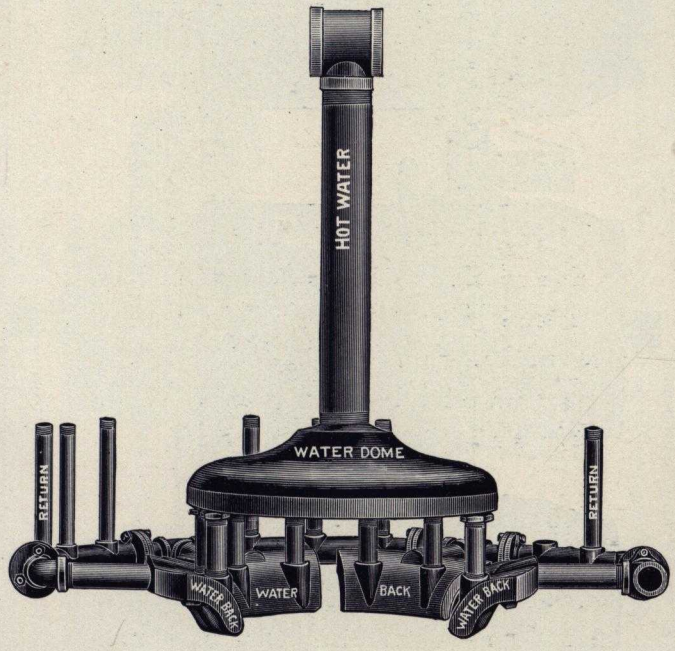
Plain Radiator.



	Castings.	*Castings and Radiators.*	*Finished in Galvanized Iron.*
No. 136	$35 50	$40 00	$58 00
" 140	43 50	49 50	71 50
" 144	58 50	66 00	90 00
" 150	81 50	91 00	116 50

	Size of Brick	*Section.*	*Drum Ring*	*Cylinder.*
No. 136, Columbian Vulcan to complete brick lined fire pot	No. 40	12	9	12
" 140, " " " " " "	" 40	13	10	14
" 144, " " " " " "	" 40	15	11	17
" 150, " " " " " "	" 50	17	12	20

COLUMBIAN
HOT-WATER HEATER.



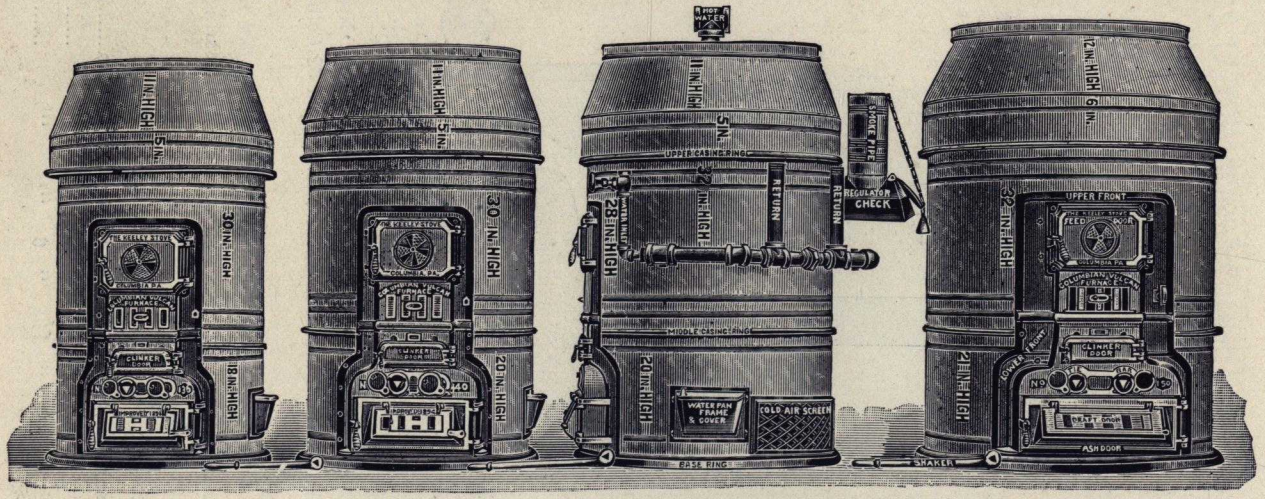
This Hot-Water Heater with its appliances is arranged for our Nos. 140, 144 and 150 Columbian Vulcan Furnace and the Nos. 48 and 52 Columbian Banner Furnace.

These Hot-Water Heaters will carry Radiators of sufficient surface to heat 3 or 4 rooms off the smallest and 4 to 5 rooms off the largest measuring from 1600 to 2000 cubic feet each.

List Prices for Hot-Water Heaters as Shown Above.

Large Water Heater, suitable for No. 150, with 8 inside connections.....$55 00
" " " " " " 144, " 6 " " 40 00
" " " " " " 140, " 6 " " 35 00

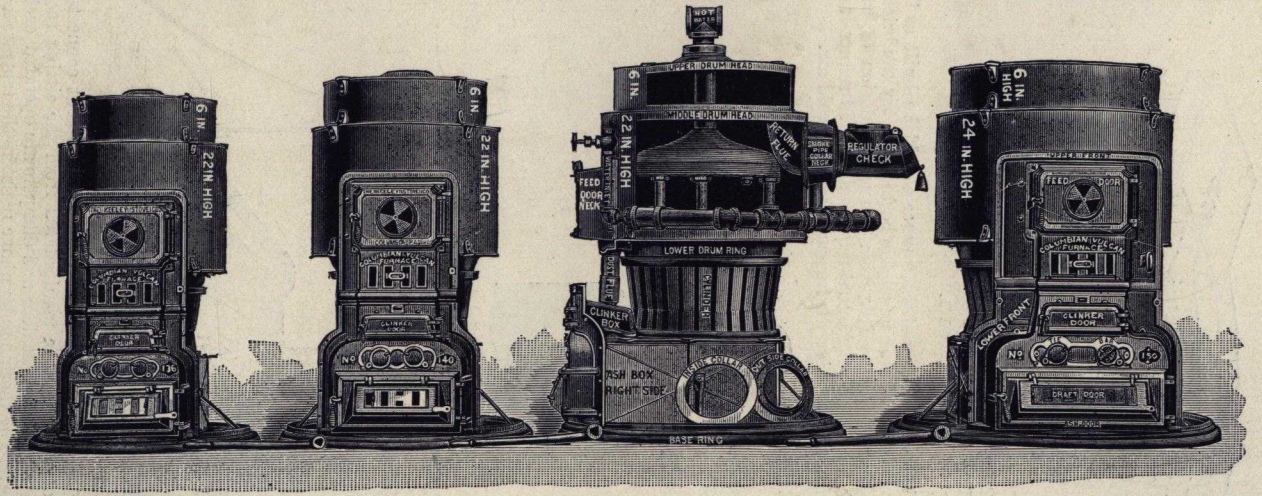
CUTS SHOWING THE COLUMBIAN VULCAN FURNACE.



	Castings.	*Castings and Radiators.*	*Finished in Galvanized Iron.*
No. 136	$35.50	$40.00	$58.00
" 140	43.50	49.50	71.50
" 144	58.50	66.00	90.00
" 150	81.50	91.00	116.50

Cold-Air Screens, each 75c additional net. From two to three Screens should be used when screens are needed.

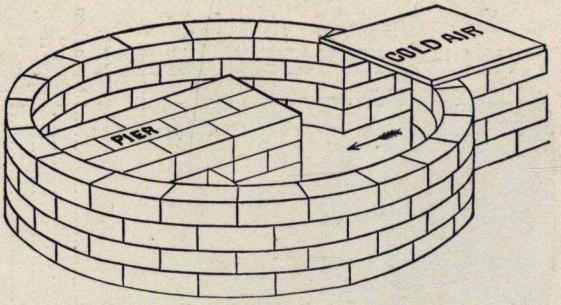
SKELETON CUT FOR COLUMBIAN VULCAN FURNACE.



		Top.		Bottom.		Depth.
No. 136	Size of Fire Pot,	18	inches	16	inches	12 inches
" 140	" " " "	21	"	18½	"	12½ "
" 144	" " " "	24	"	21½	"	13½ "
" 150	" " " "	28	"	24	"	14 "

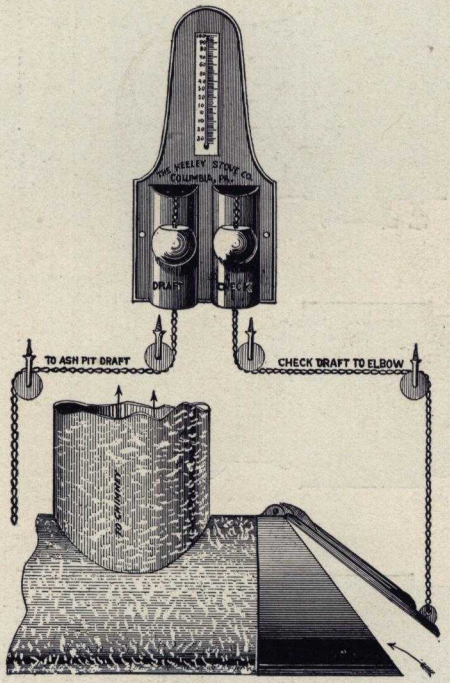
List Prices for Hot-Water Heaters, as Shown in Above Series (except No. 136.)

Large Water Heater, suitable for No. 150, with 8 inside connections		$55 00
" " " " " " 144, " 6 " "		40 00
" " " " " " 140, " 6 " "		35 00



Cut No. 1.

The cold-air pit and the foundation of the furnace should be built as illustrated in Cut No. 1. It is advisable to cement the bottom and lay the bricks in good cement mortar so that it will be free from the accumulation of water. Make the cold-air trench larger than the actual requirements and reduce it with the damper in the box if needful. Give the furnace plenty of cold air.



Cut No. 2.

Cut No. 2 illustrates our check damper and chain attachment connected to ash-pit draft door, all of which can be manipulated from the sitting room or the parlor over the furnace. The draft door and dampers are operated each independently of the other. The thermometer above registers the temperature of your room. The above attachments are subject to additional cost over prio

COLUMBIAN BANNER FURNACE.

Illustrations on pages 144, 146 and 148.

Made in Five Sizes.

No 36, 26-inch Casing. No. 40, 30-inch Casing.
" 44, 34 " " " 48, 38 " "
No. 52, 42-inch Casing.

This Furnace is our latest production of a low-priced Furnace. It is offered to the trade fully guaranteed to do the work successfully. It possesses the durable quality, because it has the weight. It is a powerful Heater, because it has the radiating surface. The draft is good and will not become sluggish, because the flues are self-cleaning. The Flue construction is made so as to throw the burning gases along the surface of the Radiating Drums, which act quickly and effectually, securing the very best results. Its simple construction makes it easy to mount and repair.

We use the Centre-Draw Grate with Lever Attachments, and we can insure its construction and durability. We have so arranged it that it can be applied and removed through the Ash-pit Door without otherwise disturbing the Furnace.

Never let your ashes bank under your Grate. It pays to keep a clean Ash pit.

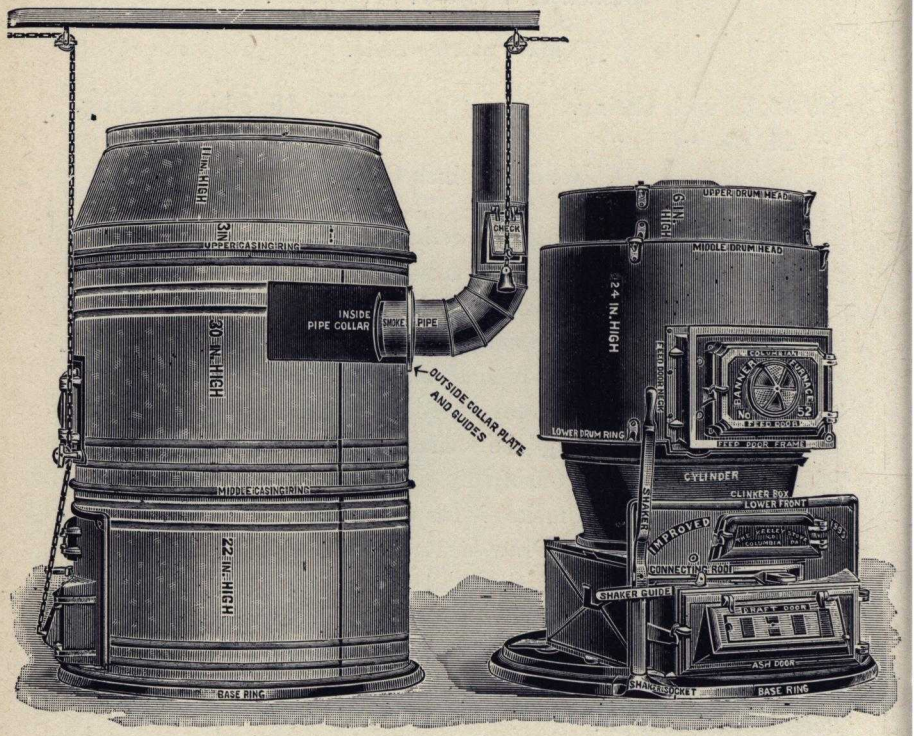
HOW TO ORDER.

You cannot be too careful in ordering what you want; to miss a word in the name, a figure in the number, neglect to name the kind of Grate or Cylinder desired and its application, setting the manufacturer to guessing or writing while your customer is waiting and troubling you, is not delightful. Study your Catalogue.

Price list given on page 145.

COLUMBIAN BANNER FURNACE.

Made in Five Sizes, Check Damper included in List Price.



Price List, Page 145.

Chain, Pulleys, Thermometer, Cold-Air Screens and Vapor Pans, extra charge and sent only on special order.

Architects, builders and contractors should examine this Furnace, as we can assure them that they cannot equal it for the money anywhere else. Our reputation for making honest goods cannot be questioned, and this Furnace is a production of utility and merit. Made with Centre-Draw Grate, no other.

The Columbian Banner Furnace is supplied with what we call a combination Swing and Drop-Ash Door, with a Check-Draft Damper which is riveted to the Smoke Pipe and connected to the Drop Ash-Pit Door with Chain and Pulleys, as shown in cut. This enables the housewife to control the draft from the room above. These articles are charged additional. Please get numbers and articles named clearly in the make-up of your orders. Numbers are significant, names mean something, hence make up your order with care. When ordering repairs let the "Patent" and "Improved" date be mentioned.

COLUMBIAN BANNER FURNACE.

Kindle your fire with and use good furnace coal. REMEMBER that a cylinder of a furnace, either in brick or iron, for soft or hard coal, is of sufficient depth and capacity to hold fire over night and through the day with reasonable attention. NEVER, and that is in no case, fill the cylinder beyond its capacity. The bottom drum ring is not a grate, and hence the cylinder should never be filled so that the coals will spread and burn on the top of the ring or against the hot-air tubes.

Good combustion and a strong heat require a clean fire, and this can be had with our Centre-Draw Grate and with a poker through the clinker door, and for this reason we say, if you want your furnace to heat well, work well and wear well, keep a clean fire and the coals below the bottom drum ring. Never let the ashes gather in the ash pit so as to endanger the life or action of your grate. Keep a clean ash pit.

No. 36, 26-inch Casing finished in Russia Iron	$34 50
" 36, " " " Galvanized Iron	29 50
" 36, Castings and Steel Drums Mounted	20 00
" 36, Castings only	16 00
" 40, 30-inch Casing finished in Russia Iron	39 00
" 40, " " " Galvanized Iron	34 00
" 40, Castings and Steel Drums Mounted	25 00
" 40, Castings only	20 50
" 44, 34-inch Casing finished in Russia Iron	53 00
" 44, " " " Galvanized Iron	46 00
" 44, Castings and Steel Drums Mounted	33 50
" 44, Castings only	28 00
" 48, 38-inch Casing finished in Russia Iron	66 00
" 48, " " " Galvanized Iron	56 00
" 48, Castings and Steel Drums Mounted	42 00
" 48, Castings only	36 00
" 52, 42-inch Casing finished in Russia Iron	84 00
" 52, " " " Galvanized Iron	72 00
" 52, Castings and Steel Drums Mounted	55 00
" 52, Castings only	47 00

	Net.
Chain, Pulleys and Thermometer	60c
Cold-Air Screens (each)	75c
Vapor Pan and Frame	$1 00

COLUMBIAN BANNER FURNACE.

Cased. Made in Five Sizes. Study Directions and Measurements.

Every Furnace Warranted. Hot-Water Heater Can be Applied to Nos. 48 and 52.

Directions for setting up furnace.—We would recommend to the hardware man, tinsmith or stove dealer, when setting up the Furnace on ground or board floor, that he use one layer of brick for foundation. Be sure that your foundation is level and neatly made. See that the Feeder-Door Frame, when bolted to the casing, is well puttied and every joint gas-tight. Before making the stove-pipe attachment, we advise the dealer to examine the chimney, see that it is clean and draft good, as it may save trouble after the work is done. Before firing see that the Grate has not been lifted from its bearings in transit.

COLUMBIAN BANNER FURNACES.

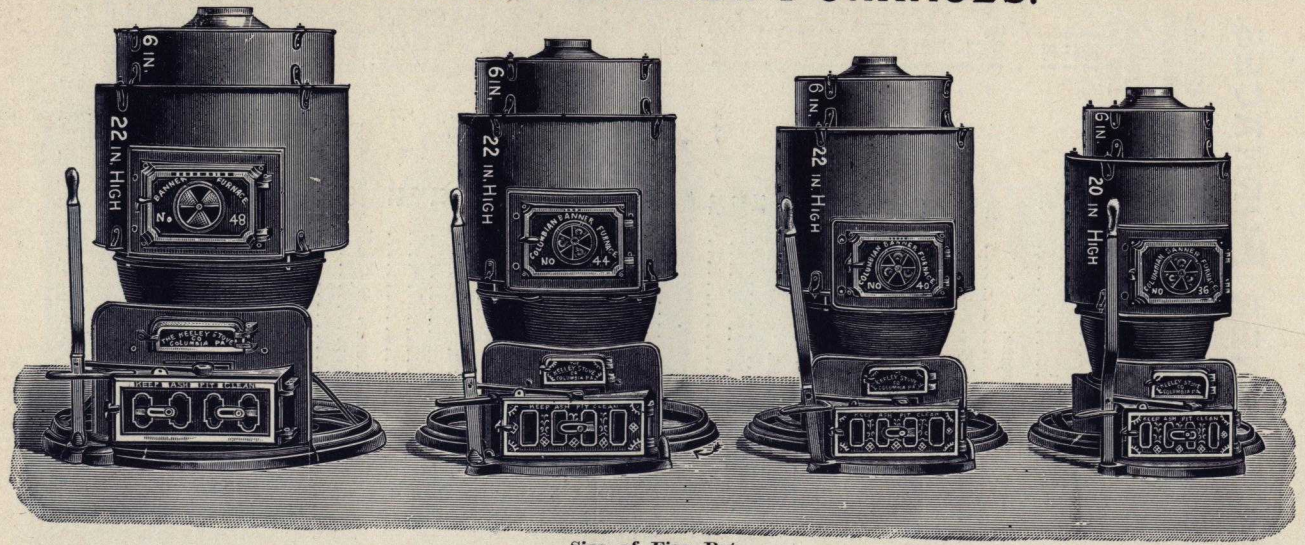
The measurements given below are to aid the dealer who mounts the steel drums and cases the furnace. We do not hold ourselves responsible for errors made in the construction of steel drums outside our factory.

	Height.	*Length. Less Lap.*
No. 52.		
Bottom Galvanized Iron Casing	22	131½
Middle " " "	30	131½
Top " " "	3	131½
Steel Drums.		
Large Drum	24	103¾
Top "	6	91
No. 48.		
Bottom Galvanized Iron Casing	20	119
Middle " " "	26	119
Top " " "	5	119
Steel Drums.		
Large Drum	22	93½
Top "	6	81¾
No. 44.		
Bottom Galvanized Iron Casing	16	106¼
Top " " "	5	106¼
Middle " " "	26	106¼
Steel Drums.		
Large Drum	22	82½
Top "	6	70½
No. 40.		
Bottom Galvanized Iron Casing	15	94¼
Top " " "	5	94¼
Middle " " "	26	94¼
Steel Drums.		
Large Drum	22	75
Top "	6	62
No. 36.		
Bottom Galvanized Iron Casing	13	81¼
Top " " "	5	81¼
Middle " " "	24	81¼
Steel Drums.		
Large Drum	20	62½
Top "	6	49¾

Kindle your fire with and use good furnace coal. REMEMBER, that the cylinder of the furnace, either in brick or iron, for soft or hard coal, is of sufficient depth and capacity to hold fire over night and through the day with reasonable attention. NEVER, and that is in no case, fill the cylinder beyond its capacity. The bottom drum ring is not a grate, and hence the cylinder should never be filled so that the coals will spread and burn on the top of the ring or against the hot-air tubes.

Good combustion and a strong heat require a clean fire, and this can be had with our CENTRE DRAW grate and with a poker through the clinker door, and for this reason we say, if you want your furnace to heat well, work well, and wear well, keep a clean fire and the coals below the bottom drum ring. Never let the ashes gather in the ash pit so as to endanger the life or action of your grate. KEEP A CLEAN ASH PIT.

COLUMBIAN BANNER FURNACES.



Size of Fire Pot.

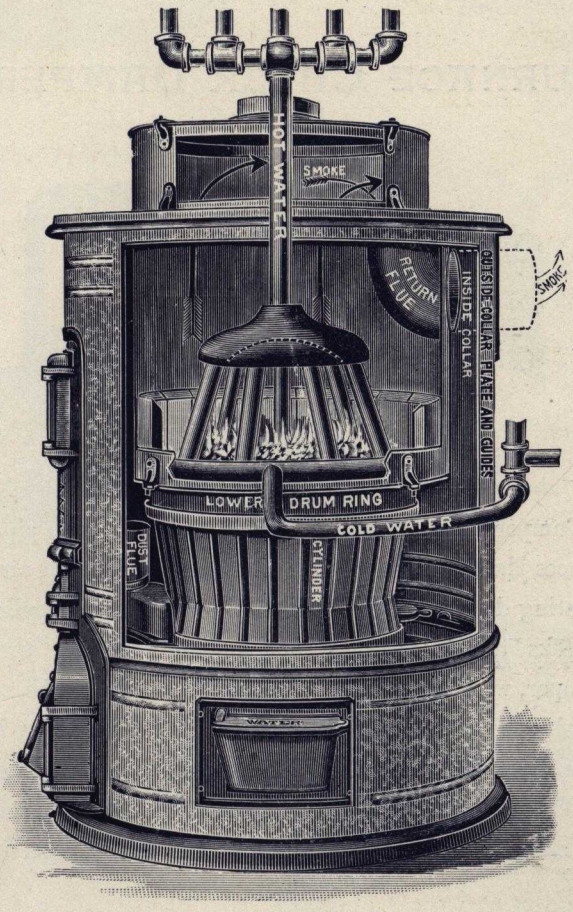
	Top.	*Bottom*	*Depth.*
No. 36	16-inch	12-inch	10-inch.
No. 40	19 "	14 "	11 "
No. 44	21 "	16 "	11 "
No. 48	23½ "	18½ "	11 "
No. 52	27 "	21½ "	12 "

Capacities.

Size.	*Coal.*	*Capacity when divided into a number of rooms.*	*Capacity when used for Churches and Public Halls.*	*With North or West Cold-Air Supply use Pipe not less than*
36	In all	5,000 cubic feet.	6,000 cubic feet.	12 x 12 inches or equal.
40	cases use	8,000 " "	10,000 " "	12 x 14 " " "
44	Egg	10,000 " "	12,000 " "	12 x 16 " " "
48	Coal	16,000 " "	20,000 " "	12 x 18 " " "
52		22,000 " "	26,000 " "	14 x 20 " " "

Five Sizes. Skeleton View.

COLUMBIAN VULCAN FURNACE.

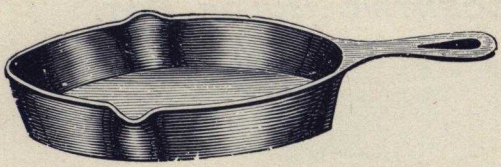


The above cut is to illustrate the No. 140 Vulcan Furnace with the hot-water attachments as illustrated on page 139. This hot-water attachment is intended to warm rooms which cannot be reached with hot air. The Columbian Vulcan with the hot-water combination is a very efficient and satisfactory heater. See prices on pages 139, 140 and 141.

FURNACE CHECK DAMPERS.

The above cut represents our Columbian Banner Furnace Check Dampers, suitable for six, seven and eight-inch pipe. Hot-air furnaces should be checked without passing the cold air through the radiating drums. Our Furnace Check Damper applied to the pipe checks the furnace without suddenly cooling the drums. This damper, which is supplied with a rachet stop for the admission of cold air, serves to check the fire, holding it in a very low state of combustion, thus reducing the consumption of coal to a minimum. These dampers can be used on stoves of any kind having pipe the size of the dampers, viz: 6, 7 and 8-inch pipe.

No. 6 ..... 20c net.
" 7 and 8 ..... 25c "

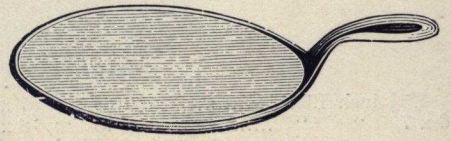


SPIDERS.

No. 6, net	$0 18
" 7, "	20
" 8, "	22
" 9, "	25
" 10, "	30

ROUND CAKE GRIDDLE.

With Handle,
Nos. 6 to 9, net, 5½ cents per pound.

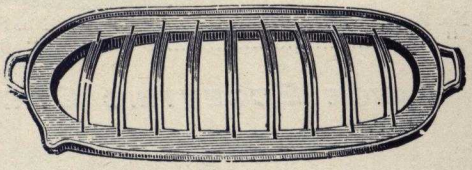


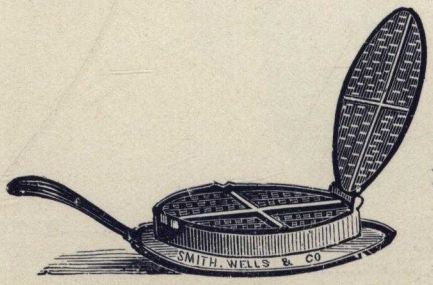
LONG PANS.

Nos. 5½, 6, 7, 8, 9, net, 5 cents per pound.

LONG GRIDIRONS.

No. 6,	$0 45
" 7,	50
" 8,	60
" 9,	70



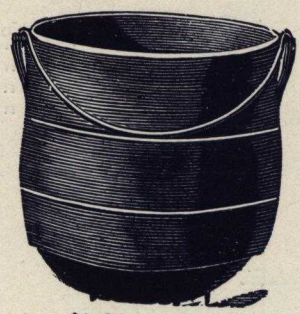


WAFFLE IRONS.

Per Dozen.

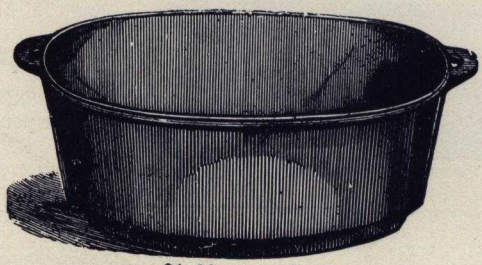
Nos. 6 and 7,	$7 00
" 8, 9 and 10,	10 00

LARGE ECCENTRIC BULGE POT.



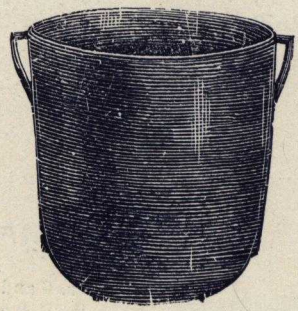
5½ inch Black.....$0 65
6 x 7 " " 75
7 x 8 inch, Black.....$0 85
8 x 9 " " 1 00
9 x 10 inch, Black.....$1 25

HAM BOILER.



No. 6.....$1 30
" 7..... 1 55
No. 8.....$1 75
" 9..... 2 10

LARGE ECCENTRIC STRAIGHT KETTLE.



5½ inch, Black.....$0 43
6 x 7 " " 65
7 x 8 inch, Black.....$0 70
8 x 9 " " 85
9 x 10 inch, Black.....$1 00

FARMER'S BOILER.

	For Coal.	*For Wood.*
15-gallon		$13 00
20 "	$16 75	13 75
25 "		18 00
30 "	25 00	20 50
40 "	34 50	27 00
50 "	42 50	35 00
65 "	46 25	43 00

SUNK-BOTTOM TEA KETTLE.

New Pattern. Patent Swing Lid.

	Galvanized.
No. 6	50c net.
" 7	55c "
" 8	65c "
" 9	75c "

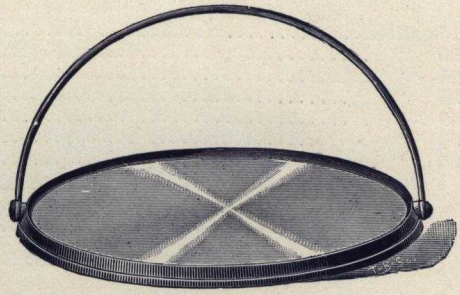
PRICE-LIST OF POLISHED AND NICKELED HOLLOW WARE.

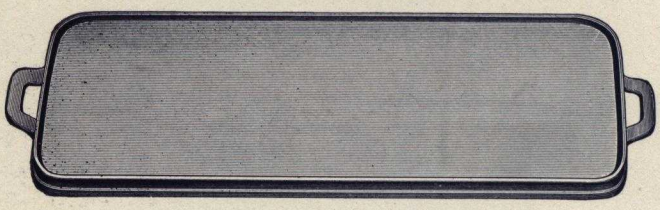
REGULAR SKILLETS.

No.	*Polished.*	*Plated.*
6	$0 38	$0 66
7	42	74
8	50	85
9	56	97
10	70	1 25
11	88	1 61
12	1 02	1 89

BAILED GRIDDLES.

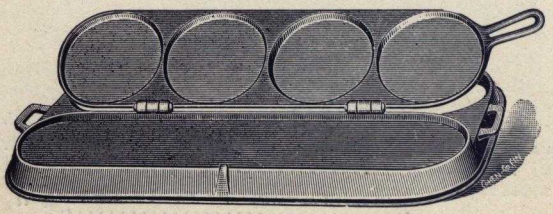
No.	*Polished.*	*Nickel Plated.*
12	$0 68	$1 36
14	84	1 68
16	1 04	2 08





LONG GRIDDLES.

	No. 7	*8*	*9*
Plain	$0 56	$0 66	$0 82
Nickel Plated	1 70	1 90	2 10



FLOP GRIDDLES.

No.	*No cakes.*	*Pr. doz.*
2	4	$10 00
4	8	16 00

BULGED POTS.

No.	Polished.	Nickel Plated.
7	$1 00	$2 00
8	1 16	2 32
9	1 32	2 64

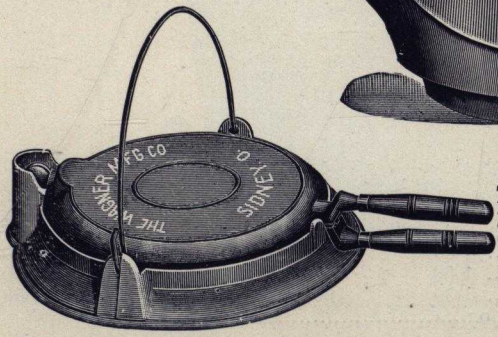
REGULAR KETTLES.

No.	Polished.	Nickel Plated.
6	$0 70	$1 40
7	80	1 60
8	96	1 92
9	1 16	2 32

TEA KETTLES.

Pit or Flat Bottom.

No.	Plain.	Galvanized.	Nickel Plated.
7	$0 90	$1 30	$2 10
8	1 00	1 50	2 30
9	1 10	1 70	2 50
7	Nickel Plated,		2 70
8			2 90
9	Enameled Inside		3 10



WAFFLE IRON.

The most perfect ever invented. Provided with long wood handles. Bail and detachable hinge. Can be used on gasoline stoves.

No. 7	$14 00	per doz.
" 8	16 00	" "
" 9	18 00	" "

FLAT BOTTOM KETTLE.

No.	*Polished.*	*Nickel Plated.*
6	$0 80	$1 60
7	90	1 80
8	1 00	2 00
9	1 20	2 40

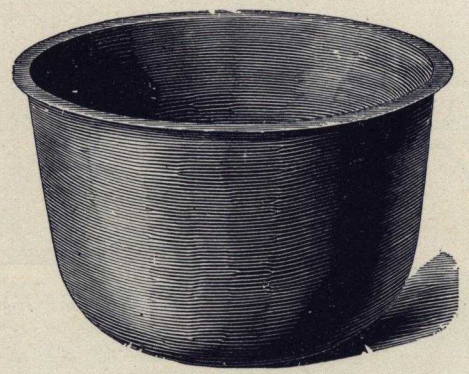
SUGAR KETTLES.

New Style—With Bails.

No.	*List Price.*	*Usual Rating.*	*Actual Capacity.*
1	$2 20	10 gals.	8 gals.
2	2 80	15 "	10½ "
3	3 50	20 "	15 "
4	4 50	22 "	18¼ "
5	5 00	25 "	21½ "
6	6 00	30 "	25½ "
7	7 00	35 "	29½ "

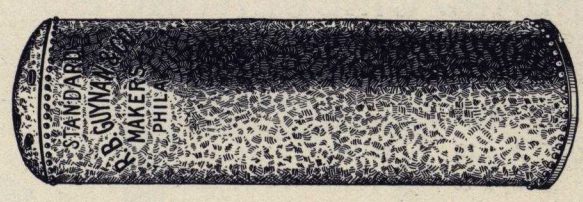
Painted outside.

CALDRONS.



15-gallon	$3 50	30-gallon	$6 00
20 "	4 50	40 "	8 50
25 "	5 50	50 "	11 50
		65-gallon	$14 00

PRICE-LIST HORIZONTAL CIRCULATING BOILERS.

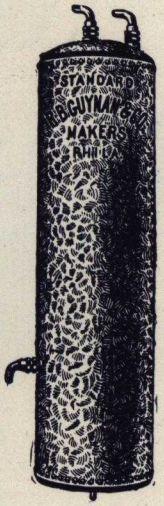


Size.	Galvanized. Regular.	Galvanized. Extra Heavy.	Black. Regular.	Black. Extra Heavy.
30 x 10	$11.50	$14.00	$9.25	$11.50
32 x 10	11.50	14.00	9.25	11.50
34 x 10	12.50	15.00	9.50	12.00
3 x 10	12.50	15.00	9.50	12.00
3½ x 10	14.25	16.75	11.25	13.75
4 x 10	16.00	18.50	12.75	15.25
4½ x 10	19.25	22.50	15.25	17.75
5 x 10	21.75	25.00	17.75	21.00
30 x 12	13.25	15.75	12.25	14.75
32 x 12	13.25	15.75	12.25	14.75
34 x 12	14.05	16.75	12.75	15.25
3 x 12	14.05	16.75	12.75	15.25
3½ x 12	14.85	18.00	13.75	16.25
44 x 12	15.25	18.50	14.25	17.50
4 x 12	15.75	19.25	14.75	18.00
4½ x 12	17.50	20.75	16.00	19.25
5 x 12	19.00	22.25	17.00	21.25
6 x 12	24.35	28.00	21.00	25.00
3 x 14	17.38	20.50	15.75	19.00
3½ x 14	19.00	22.25	17.50	21.00
4 x 14	20.75	24.25	19.00	22.25
4½ x 14	22.38	26.00	20.50	24.00
5 x 14	24.00	27.50	22.00	25.50
6 x 14	29.75	33.50	26.50	31.00

Write for Discounts.

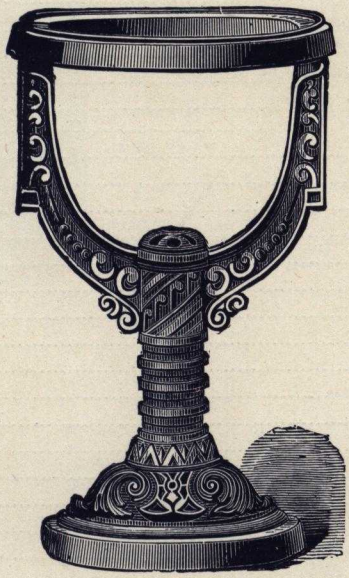
PRICE-LIST GALVANIZED STANDARD CIRCULATING BOILERS

Capacity.	*Size.*	*Regular.*	*Extra Heavy or Double Riveted.*	*Extra Heavy and Double Riveted.*
18 Gals.	3 x 12	$14 05	$16 50	$19 00
21 "	3½ x 12	14 85	17 40	19 90
24 "	4 x 12	15 75	19 00	22 30
27 "	4½ x 12	17 50	20 80	24 10
30 "	5 x 12	19 00	22 30	25 60
36 "	6 x 12	24 35	27 70	31 00
35 "	5 x 13	20 75	24 10	27 40
24 "	3 x 14	17 38	20 70	24 00
28 "	3½ x 14	19 00	22 30	25 60
32 "	4 x 14	20 75	24 10	27 40
36 "	4½ x 14	22 38	25 70	29 00
40 "	5 x 14	24 00	27 40	30 70
48 "	6 x 14	29 75	33 90	38 10
42 "	4 x 16	25 75	29 10	32 40
47 "	4½ x 16	28 75	32 90	37 10
52 "	5 x 16	30 60	34 80	39 00
63 "	6 x 16	38 00	42 20	46 40
53 "	4 x 18	31 50	35 70	39 90
66 "	5 x 18	36 00	40 20	44 40
79 "	6 x 18	44 00	48 20	52 40
82 "	5 x 20	45 50	49 70	53 90
98 "	6 x 20	54 00	59 00	64 00
100 "	5 x 22	54 00	59 00	64 00
120 "	6 x 22	63 00	68 00	73 00
126 "	5 x 24	61 50	66 50	71 50
144 "	6 x 24	70 00	75 00	80 00
168 "	7 x 24	84 00	89 00	94 00
192 "	8 x 24	95 00	100 00	105 00



Write for Discounts.

PRICE-LIST
GALVANIZED BOILER STANDS.



30 Inches High.		20 Inches High.	
12-in. Ring	$3.25	12-in. Ring	$2.50
13 " "	3.35	13 " "	2.60
14 " "	3.45	14 " "	2.70
16 " "	4.00	15 " "	3.00
18 " "	4.55	16 " "	3.25
20 " "	5.25	17 " "	3.60
22 " "	5.75	18 " "	3.80
24 " "	7.25	20 " "	4.50
		22 " "	5.00
		24 " "	6.50

Write for Discounts.

WATER BACKS.

No. 7–17	Morning Light "D" Range	List, $3 00
" 8–17	" " "D" "	" 3 00
" 8–19	" " "D" "	" 3 00
" 7–16	" " Range	" 3 00
" 7–18	" " "	" 3 00
" 8–18	" " "	" 3 00
" 8–20	" " "	" 3 00
" 9–20	" " "	" 3 00
" 78	" " "	" 3 00
" 80	" " "	" 3 00
" 88	" " "	" 3 00
" 90	" " "	" 3 00
" 7	Plato	" 3 00
" 8	"	" 3 00
" 17	"	" 3 00
" 18	"	" 3 00
" 17	Cappello	" 3 00
" 18	"	" 3 00
" 7	Reno	" 3 00
" 8	"	" 3 00
" 9	"	" 3 00
" 17	La Pierre	" 3 00
" 18	"	" 3 00
" 17	Duke	" 3 00
" 18	"	" 3 00
" 7	Spring City	" 4 00
" 8	" "	" 5 00
" 70	Empire Kitchener	" 3 00
" 80	" "	" 3 00
" 70	Newport	" 3 00
" 80	"	" 3 00
Columbian Gem and Columbian Bessie, Nos. 16, 17, 77, 18, 88		" 3 00
New Cappello, Columbian Plato, Columbian Choice and Columbian King, all sizes		" 3 00
Columbian Star, Columbian Newport and Columbian Charm		" 3 00
Columbian Dandy and Columbian Daisy, Nos. 7–16, 8–18, 7–18 and 8–16		" 3 00
Dandy, Nos. 77, 80, 88 and 90		" 3 00
Columbian Lily, 8–18		" 3 00

STOVE REPAIRS.

We are successors to, and the only foundry that can furnish Repairs for Stoves made by the following firms:

Smith, Francis & Wells, Smith, Johnson & Co., Shantz & Keeley,
Smith, Wells & Co., Shantz & Johnson, O. B. Keeley & Co.

BLACK JACK.

The Great Water Paste Stove Polish.

A beautiful jet black polish, manufactured especially for new and old Stoves, Russia pipe, etc.

Mix with water to the consistency of cream.

Put up in 12-ounce cans; retails at 10 cents per can.

BLACK EAGLE STOVE POLISH.

The best to secure brilliancy, durability, cheapness, and to save labor.

Recommended to the Stove Trade as a perfectly reliable article.

After one trial, no other will be used.

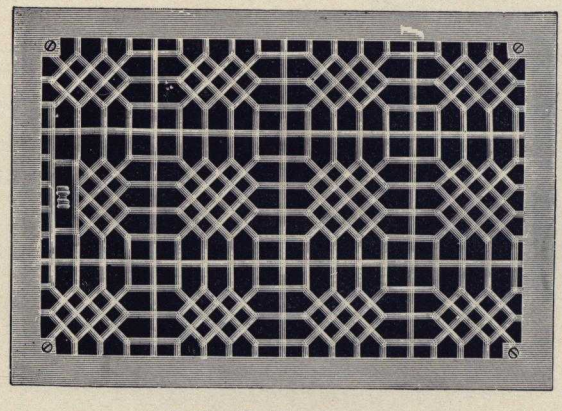
Put up in 5-lb. tin cans, with full directions on each can.

PATTERNS.

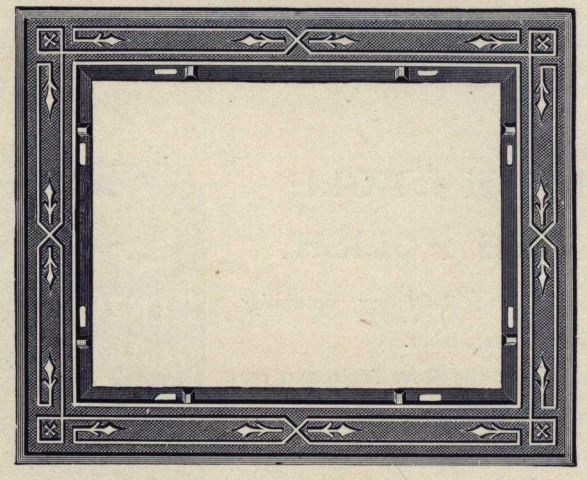
Japanese, Persian, Moresque and Indian Lattice.

An advantage peculiar to the *Glide Movement* Register is, that by unscrewing the face the *Valves* can be *removed* and *replaced easily*, and the flue reached without taking the Register box from the wall.

Price same as Vertical Wheel.



Indian Lattice Pattern.



Japanese Pattern.

For list of sizes in Indian Lattice Pattern, see page 163.

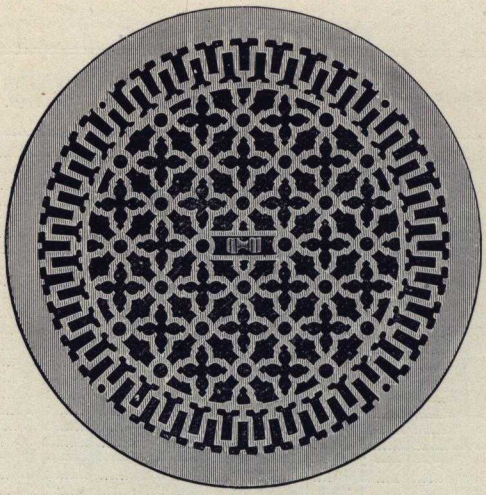
Sizes marked with a Star made in the Persian only.

VERTICAL WHEEL REGISTERS AND VENTILATORS.

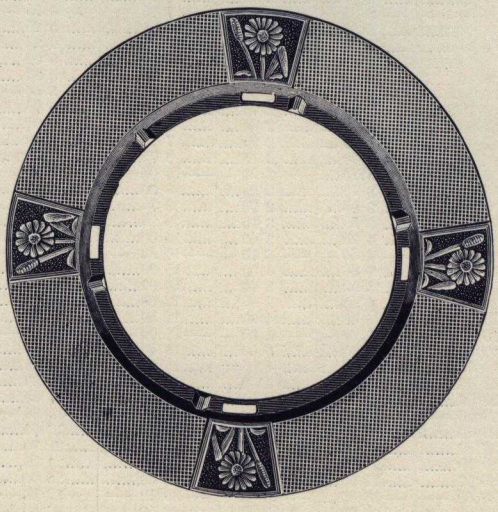
Black or White Japanned.

Size of Opening.	Register.	Register Face.	Floor Border.	Ventilator for Cords.	Without Valves.	Reverse Beveled Wall Frame 4 in. deep.
4½ x 6½	1 40	0 46		1 65	1 20	
4 x 8	1 50	0 48		1 75	1 25	
4 x 10	1 65	0 50		1 90	1 40	
4 x 12	2 00	0 65		2 25	1 70	
4 x 15	2 30	0 75		2 55	2 00	
4 x 18	3 00	1 10		3 25	2 60	
6 x 8	1 90	0 65	1 15	2 15	1 65	
6 x 9	2 00	0 70	1 20	2 25	1 75	
6 x 10	2 10	0 70	1 25	2 35	1 80	
6 x 12	2 60	1 00	1 50	2 85	2 25	
6 x 14	2 70	1 05	1 80	2 95	2 30	
6 x 18	3 75	1 35	2 40	4 00	3 25	
6 x 24	6 35	2 15	3 50	6 60	5 55	
7 x 7	2 20	0 80	1 15	2 45	1 90	
7 x 10	2 30	0 85	1 30	2 55	2 00	
8 x 8	2 25	0 90	1 30	2 50	2 00	1 75
8 x 10	2 50	0 95	1 40	2 75	2 20	1 85
8 x 12	2 80	1 10	1 50	3 05	2 45	1 95
8 x 15	3 60	1 50	2 10	3 85	3 20	2 20
8 x 18	4 75	2 00	2 50	5 00	4 25	2 35
9 x 9	3 00	1 15	1 50	3 25	2 65	1 90
9 x 12	3 30	1 25	1 70	3 55	2 90	2 00
9 x 13	3 45	1 45	1 90	3 70	3 05	2 20
9 x 14	3 60	1 50	1 95	3 85	3 20	2 25
10 x 10	3 25	1 20	1 80	3 50	2 85	2 00
10 x 12	3 60	1 50	1 90	3 85	3 15	2 15
10 x 14	4 25	1 85	2 05	4 50	3 75	2 30
10 x 16	4 75	2 15	2 25	5 00	4 00	2 50
10 x 18	6 50	2 85	2 75	6 75	5 75	3 00
10 x 20	7 50	3 35	3 00	7 75	6 75	3 30
10½ x 16½	6 00	2 50	2 50	6 25	5 25	
12 x 12	5 00	2 10	2 20	5 25	4 25	2 40
12 x 14	5 75	2 30	2 35	6 00	5 00	2 80
12 x 15	6 00	2 40	2 55	6 25	5 20	3 00
12 x 16	6 50	2 75	2 65	6 75	5 50	3 15
12 x 17	6 75	2 80	2 75	7 00	5 75	3 25
12 x 18	7 00	3 10	2 85	7 25	6 00	3 40
12 x 19	7 50	3 20	2 95	7 75	6 50	3 60
12 x 20	8 50	3 40	3 10	8 75	7 40	3 70
12 x 24	9 75	4 10	3 50	10 00	8 50	4 00
14 x 14	7 50	3 15	2 65	8 00	6 50	3 60
14 x 16	8 25	3 50	2 90	8 75	7 25	3 65
14 x 18	8 75	3 85	3 15	9 25	7 65	3 70
14 x 20	9 50	4 25	3 40	10 00	8 25	3 75
14 x 22	10 00	4 50	3 70	10 50	8 50	3 80
15 x 25	14 50	6 00	4 50	15 00	12 50	5 00
16 x 16	9 50	3 90	3 40	10 00	8 50	3 75
16 x 20	11 50	4 95	3 85	12 00	10 00	4 50
16 x 24	14 00	6 00	4 35	14 50	12 00	5 00
18 x 21	16 50	7 00	5 35	17 00	14 25	
18 x 24	17 60	8 05	6 00	18 10	15 00	
20 x 20	15 25	6 20	4 95	15 75	13 25	
20 x 24	18 00	8 25	6 00	18 50	15 50	
20 x 26	20 00	8 75	6 75	20 50	17 00	
21 x 29	23 00	10 10	7 00	23 50	19 00	
24 x 24	22 00	9 50	7 00	22 50	18 00	
24 x 27	26 00	11 50	8 00	26 50	21 75	
24 x 30	29 00	13 00	8 50	29 50	24 50	
24 x 32	33 00	14 00	9 50	33 50	28 00	
24 x 36	38 60	18 00	10 50	39 10	32 50	
27 x 38	43 00	21 00	10 50	43 50	36 00	
30 x 30	38 00	17 65	10 00	38 50	32 00	

ROUND PATTERN.



ROUND REGISTER BORDER.



ROUND REGISTERS AND IRON BORDERS.

For Wall or Floor. Slide Centre Movement.

Ventilators with Fixtures for Cords.

If ventilators are for Ceiling, it should be so stated.
Ceiling Ventilators, 25 cents extra over regular Ventilators.

JAPANNED—BLACK OR WHITE.

Size of Opening.	Register.	Without Valves.	Register Face.	Ventilator for Cords.	Floor Border.
6-inch	$1 35	$0 90	$0 50	$1 60	$1 00
7 "	1 50	1 00	0 60	1 75	1 10
8 "	1 85	1 15	0 65	2 10	1 20
9 "	2 25	1 45	0 85	2 50	1 30
10 "	2 75	1 70	1 00	3 00	1 40
12 "	3 60	2 20	1 50	3 85	1 80
14 "	5 40	3 10	2 00	5 90	2 25
16 "	7 00	4 15	2 70	7 50	3 00
18 "	9 25	5 30	3 45	9 75	4 00
20 "	11 50	7 35	4 15	12 00	5 00
24 "	20 75	15 90	10 00	21 50	8 75
30 "	34 05	28 00	19 35	34 55	13 15

ENAMELED—WHITE PORCELAIN.

Size of Opening.	Register.	Register Face.	Ventilator for Cords.	Floor Border.
6-inch	$3 00	$2 20	$3 25	$2 75
7 "	3 20	2 30	3 45	3 10
8 "	3 50	2 35	3 75	3 45
9 "	4 00	2 75	4 25	3 70
10 "	4 50	2 90	4 75	3 90
12 "	5 50	3 90	5 75	4 30
14 "	7 65	5 40	8 15	5 60
16 "	10 40	7 45	10 90	7 60
18 "	13 45	9 50	13 95	9 55
20 "	16 45	11 50	16 95	12 30
24 "	25 60	17 90	26 10	18 00

BRONZED. Gold, Silver, Copper.		**ELECTRO-PLATED.** Nickel, Brass, Bronze or Copper.	
Size of Opening	Register.	Floor Border.	Register.	Floor Border.
6-inch	$1 85	$1 20	$3 30	$2 95
7 "	2 00	1 30	3 50	3 15
8 "	2 30	1 40	3 85	3 25
9 "	2 80	1 55	4 60	3 55
10 "	3 35	1 70	5 15	3 80
12 "	4 30	2 05	6 25	4 30
14 "	6 10	2 65	8 15	5 00
16 "	8 55	4 40	10 00	6 00
18 "	12 75	5 85	12 35	7 35
20 "	15 60	9 45	17 00	10 60
24 "	26 80	14 40	26 15	19 75

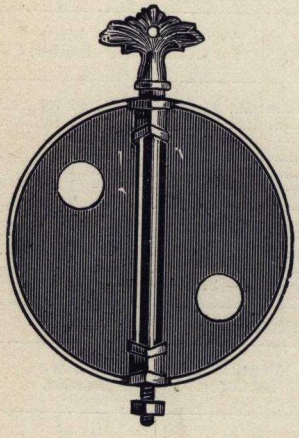
ROUND REGISTERS.

With Square Frame and Extra Ceiling Ring, 8 inches.....net, $0 75
Palace Cook and Heater Register..... " 1 50

BAR-ROOM PAN.

36-inch diameter.....net, $3 25

STOVE-PIPE DAMPERS.



	Common, Per Dozen, Net.
4 inch	$0 40
4½ "	45
5 "	50
5½ "	65
6 "	80
7 "	1 25

SLIDING DOORS.

With Nickel Knob.

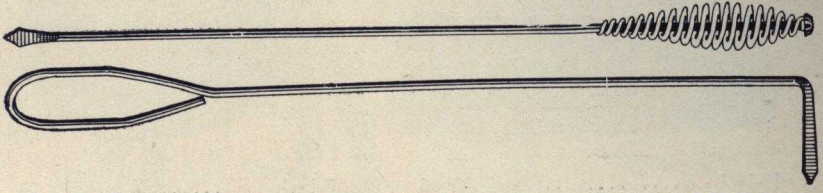
No. 8.....net, $0 33 — No. 10.....net, $0 40
" 9..... " 38 — " 11..... " 44
No. 12.....net, $0 50

SHAKERS AND LIFTERS.

	Per Dozen, Net.
Common Lifters	$0 30
Regulator Lifters	70
Plato and Reno Range Shakers, Nos. 7, 8 and 9	1 00
Parlor and Heating Stove Shakers	60
Nickel Shakers for Parlor Stoves and Ranges, except Sloan and Triplex	2 40
Conquest Furnace Shakers	3 60
Duplex Grate Shakers	1 20
Sloan " "	1 20
Triplex " "	1 20
All other Range Shakers	1 60
All Shakers for heating Stoves and Ranges (except Furnaces) which have Sloan or Triplex Grates	1 20
All Shakers of the latter class, Nickeled	3 50

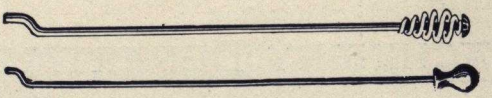
STOVE TRIMMINGS.

Pokers.



Straight Nickel Pokers..... $1.00 Doz.
Bent " " ..... 1.20 "

Towel Rods.



$\frac{5}{16}$" x 16" ..... .60 Doz.

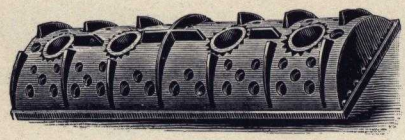
Lifters.

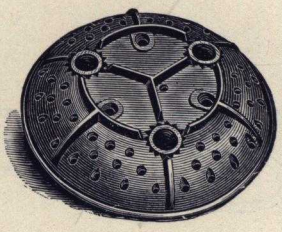
No. 5.

No. 5 Keeley Lifter, Nickeled, ... .70 Doz.
Daisy Shakers, Plain, ... $1.50 "
" " Nickeled, ... 2.40 "
30" Stove Scraper ..... .35 "

A full line of Gasoline and Oil Stoves carried in season.

NATURAL GAS BURNERS.





12-inch.....net, $0 65 8-inch .. ..net, $0 75

14-inch..... .....net $0 75

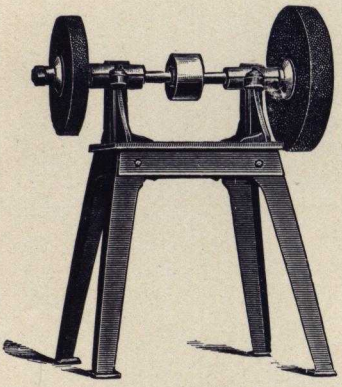
MACHINERY DEPARTMENT.

We have connected with our works a machine shop, under the superintendence of a first-class machinist, and are prepared to furnish:

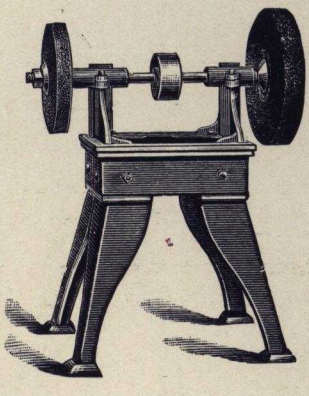
Round and Square Cleaning Mills,
Frames, Mandrels and
Counter-Shafts for Emery Wheels,
Upright and Horizontal Drills,
Catch Cutters, Taps and Dies,
Hangers, Pulleys, Shafting and any
Machinery used in Stove Foundries.

We also repair ENGINES, MOWERS, REAPERS, LAWN MOWERS and all AGRICULTURAL IMPLEMENTS upon short notice. First-class work at moderate prices.

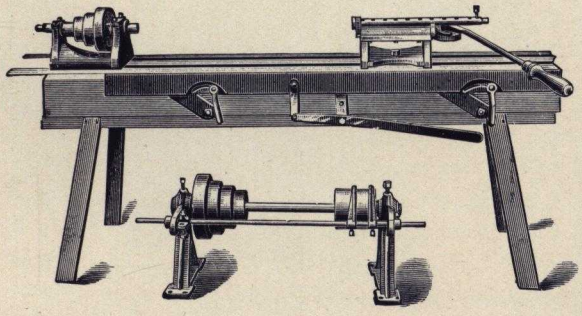
Hot-Water and Steam-Heating Castings a Specialty.



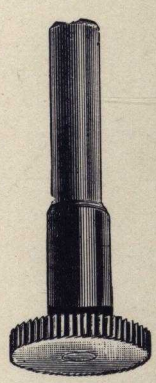
NO. 1.—GRINDER.



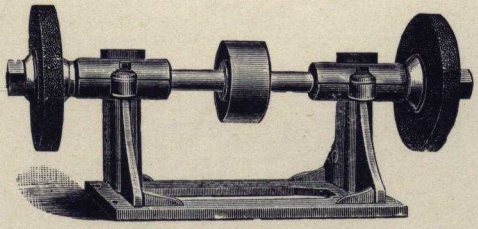
NO. 2.—GRINDER.



HORIZONTAL DRILL.

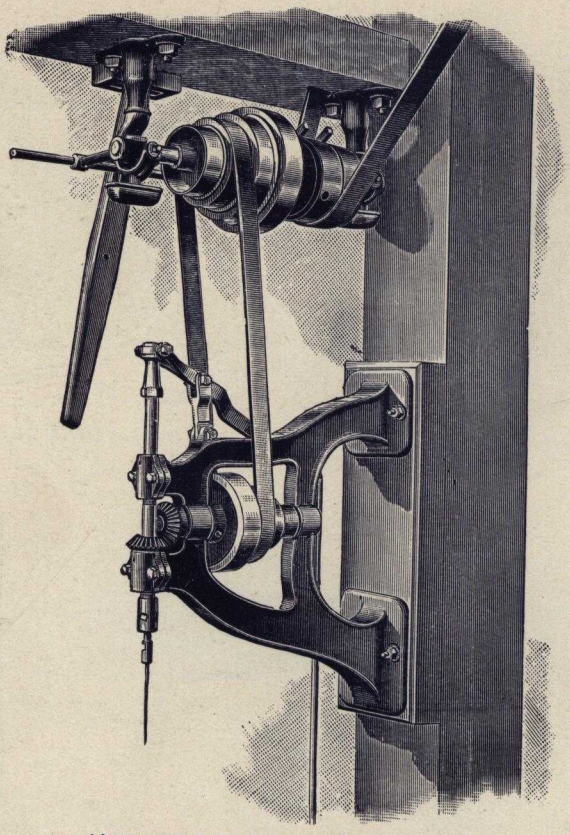


CATCH CUTTER.

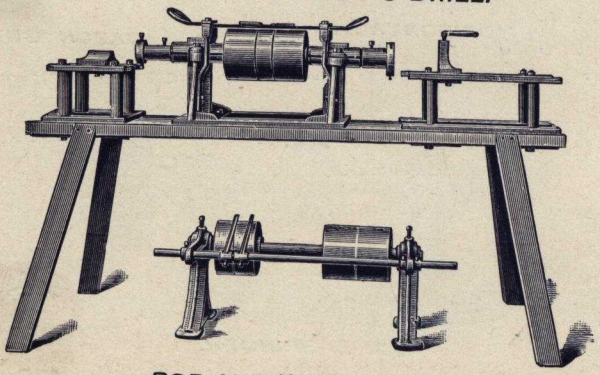


NO. 3—GRINDER.

Prices furnished on Application.



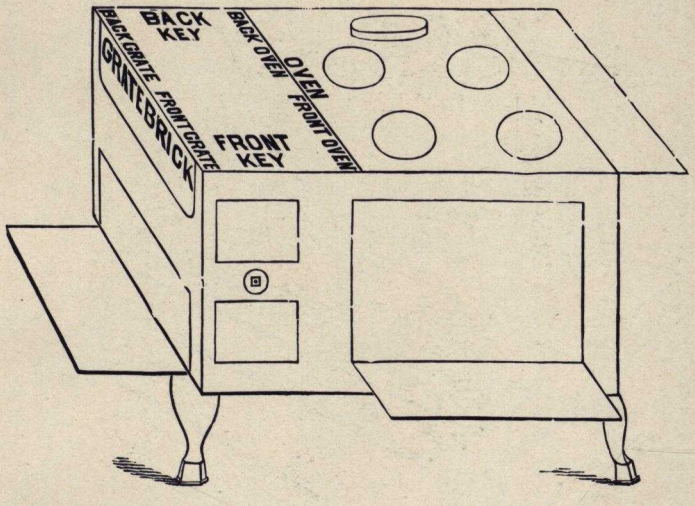
UPRIGHT MOUNTER'S DRILL.



ROD AND NUT CUTTER.

Prices furnished on Application.

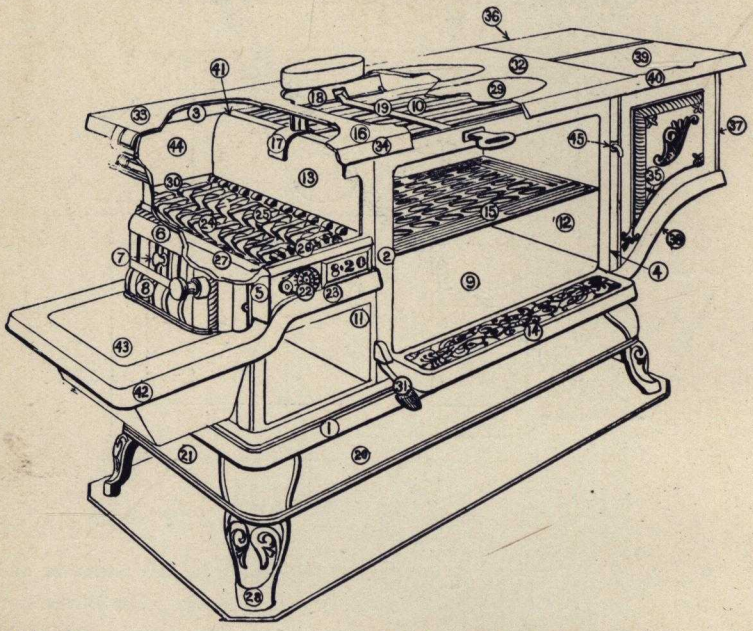
HOW TO ORDER BRICK.



The above cut is intended to illustrate to the dealer the situation and name of the Bricks which compose the fire box of a Range. The illustration is that of a Right-hand Range (*oven* on the right). In ordering, it should be stated clearly whether the oven is on right or left. Names, numbers and dates should be given fully and lucidly. The "Oven Brick" are the Brick lying on the oven side of the fire box, and called "front and back oven;" "Back Key Brick" lie at the back; "Front Key Brick" at the front. The front is often lined with cast iron, and this piece is then called a front grate. "Grate Brick" are those across the left end of a Right-hand Range and across the right end of a Left-hand Range, according to the situation of the oven. The Grate Brick usually occupies the position in the fire box that the water back does. When Ranges were first made, the custom was to line the end of the Range with a cast lining called grate, hence the name "Grate Brick."

In our older Ranges lined that way, we termed that casting "Left-end Grate." We regard as the front of a Range, the side on which the oven door opens. Oven right, Right-hand Range. Oven left, Left-hand Range. Back, right and left end designated accordingly. We do not think that there are two fronts to a Range, and are persuaded that we are logically correct.

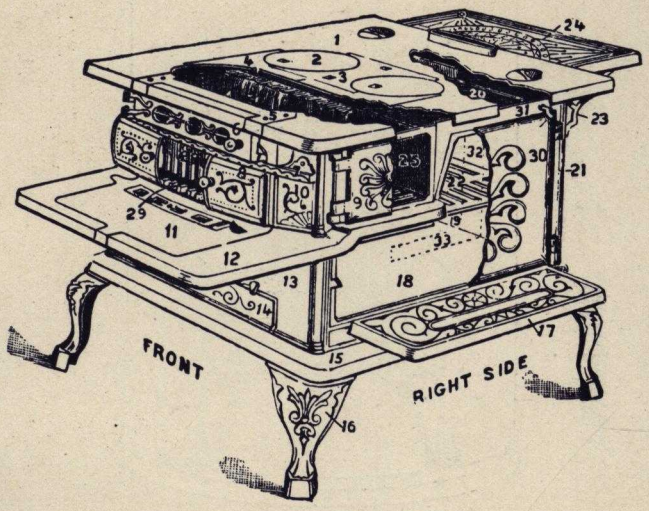
SECTIONAL VIEW OF COLUMBIAN CHOICE RANGE.



1. Bottom.
2. Front.
3. Back.
4. Right End.
5. Fire or Open End of Range.
6. Fire End or Ash-Pit Door.
7. Ash-Pit Door-Draft Slide.
8. Ash-Door Mica Holder.
9. Bottom Oven.
10. Top Oven.
11. Fire-End Oven or Left-End Oven Plate.
12. Flue-End Oven Plate or Right-End Oven.
13. Oven Brick.
14. Outside Oven Shelf.
15. Oven Rack or Inside Shelf.
16. Long Centre.
17. Oven Brick Clamp.
18. Roll or Draft Damper.
19. Oven-Damper Rod and Handle.
20. Long Skirt.
21. Short Skirt.
22. Shaker-Hole Cover.
23. Front Ash-Pit Wing.
24. Shaker Part of Triplex Grate.
25. Oven Part of Triplex Grate.
26. Grate Cogs.
27. Brick Rest or Bed Plate.
28. Feet.
29. Lids or Covers.
30. Back-Grate Carriers or Support.
31. Kicker.
32. Right-End Top (Right-Hand Range).
33. Back or Collar Top.
34. Front Top.
35. Front End of Reservoir.
36. Back End of Reservoir.
37. Outside End of Reservoir.
38. Reservoir Bottom.
39. Reservoir-Hinge Covers, one of which has Eyes, the other has Hooks. This must be mentioned in ordering.
40. Reservoir Main Top.
41. Fire Plate.
42. Ash Pit.
43. Ash-Pit Cover.
44. Key Brick.
45. Reservoir Damper.

These names apply to similar parts of the New Cappello and other Ranges.

NAMES OF PARTS OF FLT-TOP COOKS.



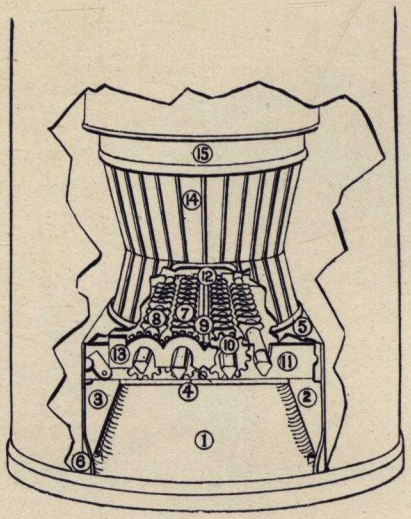
Instructions for ordering repairs.

You are in front of a Flat-Top Cook when facing the ash pit. Always stand in front of the Stove, give the full and correct number and name of the Stove, and order the piece by the name given below.

No. 1. Top.
" 2. Cover.
" 3. Short Cross Piece.
" 4. Long Cross Piece.
" 5. Feed-Door Frame.
" 6 Feeder or Broiler Door.
" 7. Name Plate or Sliding-Door Strip.
" 8. Front Sliding Door.
" 9. Wood Door.
" 10. Upper Front.
" 11. Hearth Plate.
" 12. Sunk Hearth or Ash Pit.
" 13. Lower Front.
" 14. Flue Stop.
" 15. Bottom.
" 16. Foot.
" 17. Outside Oven Shelf.

No. 18. Bottom Oven Plate.
" 19. Back Oven Plate.
" 20. Top Oven Plate.
" 21. Right Side or Jamb.
" 22. Oven Slide.
" 23. Drop Shelf Bracket.
" 24. Drop Shelf.
" 25. Front Oven Plate.
" 26. Fire Plate.
" 27. Fire Brick.
" 28. } Basket Grate.
" 29. }
" 30. Right-Hand Oven Door.
" 31. Oven Damper.
" 32. Upright Flue Strip.
" 33. Bottom Flue Strip.

SKELETON VIEW COLUMBIAN FURNACE.



1. Bottom.
2. Ash Box, right side.
3. Ash Box, left side.
4. Ash Box, back.
5. Base Top.
6. Bottom Base Ring in three parts, Right and Left Side and Back.
7. Shaker part of Triplex Grate, with Cogs.
8. Left or short side of Triplex Grate, with Cogs.
9. Centre Grate Bar.
10. Cog.
11. Front Grate Carriers or Rests.
12. Back Grate Carriers or Rests.
13. Grate Guard.
14. Cylinder.
15. Bottom Drum Ring.

If the dealer, when ordering repairs in parts of a Furnace, will use names printed on this page, and for parts not mentioned here refer to pages and 138, the order can be made clear.

Series--7-18.
oOo

New Cappello, and Columbian Plato of 1893 and 1894-7-18 series, was first made as illustrated on page 28 of 1894 catalogue. Whan the left hand range of this series was built in 1895 as illustrated on pages 38 and 39 of the 1896 catalogue the panel was changed on the oven door as illustrated and the name of the range put on the fire door, with date 1896. Later the oven door panel was changed by putting the name and date on the oven and fire door (1897). The fire door panel designated 1898 with trade mark. All this is common to the Columbian Plato of this series. In 1898 the feet was made higher, skirting wider, end door and end changed, and the expansion pieces in the top new, oven door panel changed and marked 1898, broiler door new, see catalogue 1898, page 40.

No. 17 and 18 Series.

oOo

This series of New Cappello was first made with a pricked oven door, and large panel on the door with tile, and open skirting, was made about 1889, see catalogue 1889. The tile was diagonal. The reservoir range had raised reservoir. In 1891 the range was changed by putting on the Choice skirting and feet. The top of this series was first made whole except the expansion piece. In 1891 the top was cut at ends and the Choice skirting and feet were used until 1895, see catalogue 1891, page 13 and catalogue 1893, page 19. In 1895 the New Cappello and Columbian Plato were made exactly alike by using the same oven door panel as illustraed on page 21 of the 1893 catalogue, and pages 42 and 43 of 1894 catalogue. No catalogues issued in 1895. In 1895 the tops of this series of ranges was changed by cutting them front and back and not in the ends as before. This change was indicated on the range by printing on the front feed door"Top improved in 1895." In 1896 the style of skirting changed to the 7-18 New Cappello feet and skirting and the Cola. Choice oven door and a new oven door panel was made as indicated by cut on pages 46 and 47 of the 1896 catalogue. To indicate this change there was printed on the front feed door "Top improved 1896," and oven door panel marked 1896. This means the Cola. Plato and New Cappello, as shown on pages 46 and 47, 48, and 49 of our 1896 catalogue are alike and will remain this way for 1898.

EXTRA POLISHED AND NICKEL PARTS.

We give below the list prices on extra nickeled and polished parts, which particular finish may be desirable to some of our customers. We supply a nickel front band for the Columbian Star, Charm and Echo Ranges at the following list prices:

No. 7–18 and 8–18, Square Range	90
" 8–20 " 9–20	$1 00
" 7–18 " 8–18 Reservoir Range	1 15
" 8–20 " 9–20	1 25

We supply a similar Band for the Nos. 6–12, 7–12, 7–14, 7–16, and 8–16 Daisy and Dandy Square for 75 cents, list price. For Reservoir Range, $1.00.

Nickeling Drop Shelf for the New Cappello, Columbian Plato, Charm and Star Ranges	$ 60
Nickeling Fire End Shelf for same Ranges	50
" Drop Shelf for Columbian Daisy and Dandy Ranges	50
" Fire End Shelf for Columbian Daisy and Dandy Ranges	40
" Drop Shelf for Golden Grain	60
" Oven " " " "	35
Polishing Ash-Pit for Golden Grain	1 50
" Top, Cross-pieces and Covers for Golden Grain	1 50
" " " " " " Ranges	1 75
" Ash-Pits for Ranges	75

Dont Distrib

This Book

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